

1. WORK MUST CONFORM TO THE REQUIREMENTS OF THE LOCAL BUILDING CODE, FIRE DEPARTMENT REGULATIONS, AND ALL APPLICABLE LAWS, UTILITY COMPANY REQUIREMENTS AND BEST TRADE PRACTICES.
2. BEFORE COMMENCING WORK, THE CONTRACTOR SHALL FILE ALL REQUIRED CERTIFICATES OF INSURANCE WITH THE CITY OF HUDSON. OBTAIN ALL REQUIRED PERMITS FROM ALL APPLICABLE AGENCIES AND PAY ALL FEES REQUIRED BY LOCAL GOVERNING AGENCIES. COPIES OF ALL CERTIFICATES AND PERMITS SHALL BE SUBMITTED TO THE CONSTRUCTION MANAGER AND OWNER BEFORE WORK COMMENCES.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CHECK AND VERIFY ALL SITE CONDITIONS, INCLUDING UTILITIES, BOTH ABOVE AND BELOW THE SURFACE, PRIOR TO COMMENCING WORK. ANY DISCREPANCIES BETWEEN INFORMATION SHOWN ON THE DRAWINGS AND ACTUAL FIELD CONDITIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE CONSTRUCTION MANAGER IN WRITING, PRIOR TO THE COMMENCEMENT OF WORK.
4. PRIOR TO THE COMMENCEMENT OF WORK, THE CONTRACTOR SHALL SUBMIT TO THE CM FOR APPROVAL THE STAGING AND ACCESS PLANS FOR ALL ACTIVITIES, MOVEMENT AND STORAGE INCLUDING THE STORAGE OF EXISTING PLANT AND BUILDING MATERIAL WHICH ARE TO BE SALVAGED AND REUSED.
5. DETAILS NOT USUALLY SHOWN OR SPECIFIED BUT NECESSARY FOR CONSTRUCTION OF ANY PART OF WORK SHALL BE INCLUDED AS IF THEY WERE INDICATED IN THE DRAWINGS. THE CONSTRUCTION MANAGER AND OWNER SHALL BE NOTIFIED IN THE WRITING PRIOR TO COMMENCING WORK.
6. THE CONTRACTOR SHALL COORDINATE ALL WORK PROCEDURES WITH REQUIREMENTS OF LOCAL AUTHORITIES AND CM.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL CONDITIONS AND MATERIALS WITHIN THE PROPOSED CONSTRUCTION AREA. THE CONTRACTOR SHALL HAVE SOLE RESPONSIBILITIES FOR ANY DAMAGE AND INJURIES CAUSED DURING THE EXECUTION OF THE WORK. CONTRACTOR SHALL TAKE DATE STAMPED PHOTOGRAPHS OF ALL EXISTING CONDITIONS. ONCE MOBILIZATION BEGINS, THE CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE TO EXISTING CONDITIONS UNLESS NOTED ON THE PHOTOGRAPHS AS AN EXISTING CONDITION.
8. PLUMBING AND ELECTRICAL WORK SHALL BE PERFORMED BY PERSONS LICENSED IN THEIR TRADE, WHO SHALL ARRANGE FOR AND OBTAIN INSPECTIONS AND REQUIRED SIGN OFF.
9. THE CONTRACTOR SHALL DO ALL PATCHING AND CUTTING, REPAIRING AS REQUIRED TO PERFORM ALL OF THE WORK INDICATED ON THE DRAWINGS AND ALL OTHER WORK THAT MAY BE REQUIRED TO COMPLETE THE JOB.
10. AT LEAST 24 HOURS WRITTEN NOTICE SHALL BE GIVEN TO THE CM AND THE CITY OF HUDSON BEFORE THE COMMENCEMENT OF ANY WORK FOR WHICH A WORK PERMIT HAS BEEN OBTAINED. BEFORE ANY WORK COMMENCED ON AN ITEM OF CONSTRUCTION REQUIRING CONTROLLED INSPECTION, ALL PERSONS RESPONSIBLE FOR SUCH CONTROLLED INSPECTIONS SHALL BE NOTIFIED IN WRITING AT LEAST SEVENTY-TWO HOURS PRIOR TO SUCH COMMENCEMENT. CONTRACTOR SHALL PAY ALL PERMIT APPROVALS AND EXPEDITING FEES.
11. SHORING OF MEMBERS AND PROTECTIONS OF EXISTING STRUCTURES DURING CONSTRUCTION IS THE RESPONSIBILITY OF CONTRACTOR AND SHALL COMPLY WITH ALL REQUIREMENTS OF LOCAL AND STATE CODES.
12. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR ANY DAMAGE AND/OR RESTORE ANY INTERRUPTION TO ANY UTILITY SERVICE THAT MAY BE CAUSED BY THE CONTRACTOR'S CONSTRUCTION OR EQUIPMENT, AT THE CONTRACTOR'S EXPENSE, WITH NO ADDITIONAL EXPENSE TO THE OWNER
13. THE CONTRACTOR IS TO USE CARE DURING CONSTRUCTION TO AVOID DISTURBING OR DAMAGING ADJACENT FACILITIES, CURBS, PAVEMENTS, WATERPROOFING, LAWN AREAS, SIDEWALKS, STEPS, RAILINGS AND PERIMETER FENCING. ANY DAMAGE RESULTING FROM THE CONTRACTORS WORK WILL BE RESTORED TO THE SATISFACTION OF THE CONSTRUCTION MANAGER AT NO ADDITIONAL COST TO THE OWNER.
14. THE CONTRACTOR SHALL DISPOSE OF ALL UNUSED OR DISCARDED MATERIALS, OFF-SITE IN A SAFE, LEGAL MANNER.

1. THE CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS BEFORE COMMENCING ANY INSTALLATION. ANY DISCREPANCIES BETWEEN INFORMATION SHOWN ON THE DRAWINGS AND ACTUAL FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE CONSTRUCTION MANAGER IN WRITING, PRIOR TO COMMENCING WORK.
2. THE CONTRACTOR SHALL MEET NEW WORK AND EXISTING CONDITIONS WITH AN EVEN AND FLUSH TRANSITION.
3. THE CONTRACTOR SHALL STOCKPILE MATERIAL IN APPROVED LOCATIONS AND APPROVED MANNER ONLY.
4. ALL ANGLES ARE 90 DEGREES UNLESS OTHERWISE NOTED. DIMENSIONS ARE TO FACE OF FENCE, WALL, PLANTER OR BENCH UNLESS OTHERWISE NOTED.
5. LOCATIONS OF EXISTING STRUCTURES SHALL BE VERIFIED IN THE FIELD.
6. NO CHANGES SHALL BE MADE TO THE DESIGN OR LAYOUT WITHOUT THE WRITTEN APPROVAL OF THE CONSTRUCTION MANAGER. LAYOUT THE WORK AS DIMENSIONED ON THE PLANS. WRITTEN DIMENSIONS SHALL GOVERN. DO NOT SCALE DISTANCES.
7. CONTRACTOR SHALL LAYOUT AND MARK IN THE FIELD THE ALIGNMENT OF ALL PAVING, AND OTHER IMPROVEMENTS FOR REVIEW BY THE CONSTRUCTION MANAGER. ADJUSTMENTS MAY BE MADE ONLY AS APPROVED BY THE CONSTRUCTION MANAGER. CONTRACTOR MAY NOT PROCEED WITH CONSTRUCTION OF IMPROVEMENTS UNTIL RECEIPT OF FINAL APPROVAL OF THE LAYOUT FROM THE CONSTRUCTION MANAGER.
8. ALL PAVING SHALL BE INSTALLED TO LEVEL EVEN GRADE WITH NO BROKEN, CRACKED OR DAMAGED PAVERS OR DECKING. ANY BROKEN, CRACKED OR DAMAGED PAVERS OR DECKING SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE TO THE SATISFACTION OF THE CONSTRUCTION MANAGER AND OWNER.
9. THE CONTRACT SHALL PROVIDE STAKING FOR APPROVAL BY LANDSCAPE ARCHITECT OF ALL FORMWORK AND LIGHT LOCATIONS BY A LICENSED LAND SURVEY OR APPROVED ALTERNATE METHOD PRIOR TO POURING OF FOUNDATIONS OR CURBS. ADJUSTMENTS IN FIELD SHALL BE DOCUMENTED FOR AS-BUILT CONDITIONS DRAWINGS.

1. CONTRACTOR SHALL INSPECT AREA TO RECEIVE PLANTING PRIOR TO BEGINNING PLANTING OPERATIONS AND NOTIFY THE CONSTRUCTION MANAGER OF ANY CONDITIONS THAT ARE NOT SUITABLE TO PERFORMING PLANTING OPERATIONS. CONTRACTOR SHALL NOTIFY CONSTRUCTION MANAGER OF ANY CONDITIONS THAT WOULD PREVENT HEALTHY GROWTH OF PLANT MATERIALS.
2. PLANT GROUPINGS & LOCATIONS ARE DIAGRAMMATIC. THE ACTUAL LOCATION OF PLANTS SHALL BE LAID OUT AND MARKED BY THE CONTRACTOR AND APPROVED IN THE FIELD BY THE CONSTRUCTION MANAGER.
3. ALL PLANTS IN THE SAME PLANTING BED SHALL BE PLANTED AT THE SAME TIME. ANY PLANTS REMAINING UNPLANTED ON THE SITE FOR MORE THAN 24 HR. SHALL BE PROTECTED AND MAINTAINED INCLUDING BUT NOT LIMITED TO WATER AND SHADE. CONTRACTOR RESPONSIBLE FOR PROVIDING ADEQUATE WATER SUPPLY. ANY DAMAGED PLANTS SHALL BE REPLACED AS DIRECTED, AT THE CONTRACTOR'S EXPENSE.
4. THERE WILL BE NO SUBSTITUTIONS OF PLANT MATERIAL WITHOUT PRIOR WRITTEN APPROVAL BY THE LANDSCAPE ARCHITECT AND CONSTRUCTION MANAGER.

1. GENERAL: ALL WORK TO BE DONE IN ACCORDANCE WITH THE LOCAL BUILDING CODE AND REGULATIONS OF ALL OTHER AGENCIES HAVING JURISDICTION.
2. STRUCTURAL:
 - A. CONTRACTOR TO PROVIDE ADEQUATE TEMPORARY BRACING AND SHORING WHEREVER ANY STRUCTURAL WORK IS INVOLVED TO REMAIN IN COMPLIANCE WITH OSHA REQUIREMENTS.
 - B. ALL DEMOLITION OPERATIONS, REPAIR OPERATIONS, AND ALTERATION OPERATIONS TO BE DONE IN ACCORDANCE WITH NYS BUILDING CODES AND OSHA STANDARDS.
3. FIRE SAFETY:
 - A. ALL CONSTRUCTION MATERIALS STORED IN STAGING AREA, AND/OR IN ANY AREA OF THE SITE ARE TO BE SECURED IN A LOCKED AREA. ACCESS TO SUCH AREAS TO BE CONTROLLED BY CONSTRUCTION MANAGER AND/OR GENERAL CONTRACTOR.
 - B. ALL MATERIALS TO BE STORED IN AN ORDERLY FASHION.
 - C. ALL FLAMMABLE MATERIALS TO BE KEPT TIGHTLY SEALED IN THEIR RESPECTIVE MANUFACTURERS CONTAINERS SUCH MATERIALS ARE TO BE KEPT AWAY FROM HEAT.
 - D. ALL FLAMMABLE MATERIALS INCLUDING GAS AND FUEL TO BE USED AND STORED IN AN ADEQUATELY VENTILATED SPACE.
4. UNDERGROUND ELECTRICAL LINES:
 - A. ALL ELECTRICAL POWER TO BE SHUT OFF WHERE THERE IS EXPOSED CONDUIT.
 - B. ALL ELECTRICAL POWER IN THE CONSTRUCTION AREA TO BE SHUT OFF AFTER WORKING HOURS.
5. DUST CONTROL:
 - A. DEBRIS, DIRT, AND DUST TO BE KEPT TO A MINIMUM, AND BE CONFINED TO IMMEDIATE CONSTRUCTION AREA.
 - B. CONTRACTOR TO ISOLATE CONSTRUCTION AREA FROM OCCUPIED AREA BY MEANS OF FENCING, TEMPORARY PARTITIONS OR HEAVY WEIGHT DROP CLOTHS.
 - C. DEBRIS, DIRT, AND DUST TO BE CLEANED UP AND CLEARED FROM SITE DAILY TO AVOID ANY EXCESSIVE ACCUMULATION.
6. NOISE AFTER HOURS:
 - A. CONSTRUCTION OPERATIONS WILL BE CONFINED TO NORMAL WORKING HOURS: 7 A.M. TO 6 P.M., MONDAYS THROUGH FRIDAYS EXCEPT LEGAL HOLIDAYS.
 - B. CONTRACTOR TO OBTAIN THE WRITTEN CONSENT OF ALL PARTIES AFFECTED BY THE WORK DURING OTHER THAN REGULAR HOURS.
 - C. CONTRACTOR SHALL OBTAIN AFTER-HOUR WORK PERMIT FROM ALL APPLICABLE AGENCIES IF WORKING AFTER HOURS.
 - D. FINAL CLEANUP: AT COMPLETION OF THE WORK THE PREMISES SHALL BE LEFT IN A NEAT, UNOBSTRUCTED CONDITION, AND ALL WORK IN PERFECT REPAIR AND ORDER, ALL TOOLS, APPLIANCES, SHANTIES, MATERIALS AND EQUIPMENT BELONGING TO THE CONTRACTOR AND TRADE CONTRACTORS SHALL BE REMOVED FROM THE PREMISES UPON COMPLETION OF THE WORK.

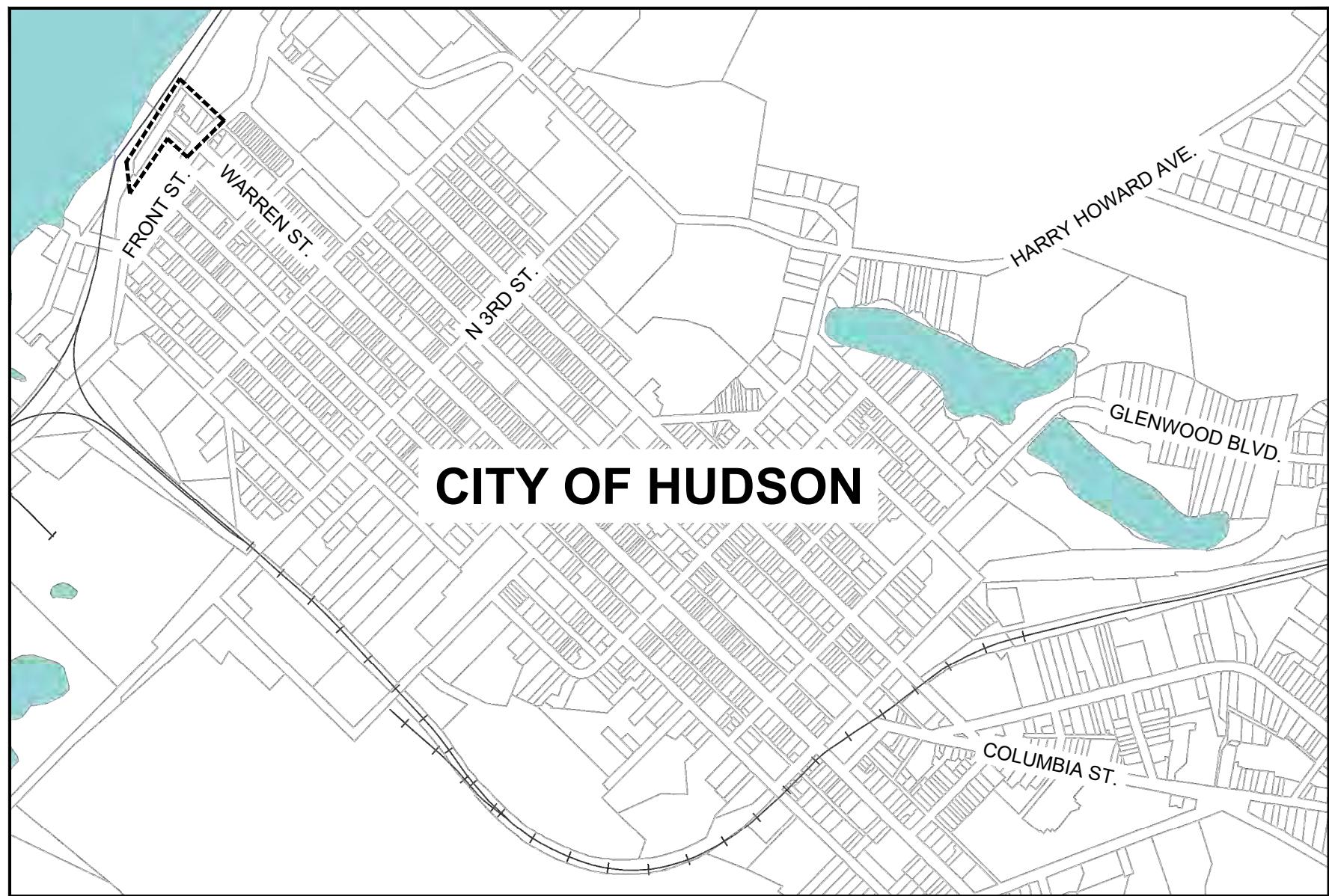
7. CONSTRUCTION OPERATIONS WILL NOT INVOLVE INTERRUPTION OF HEATING, GAS, WATER, OR ELECTRICAL SERVICES WITHOUT PRIOR WRITTEN AUTHORIZATION.
8. CONSTRUCTION WORK WILL BE CONFINED TO THE AREA OF WORK, AND WILL NOT CREATE DUST, DIRT, OR OTHER SUCH INCONVENIENCES TO OTHERS.
9. THE CONTRACTOR SHALL PROVIDE THE CONSTRUCTION MANAGER, IN WRITING, THE NAME AND 24 HOUR EMERGENCY TELEPHONE NUMBER OF THE DESIGNATED "COMPETENT PERSON" RESPONSIBLE FOR CONSTRUCTION SAFETY.

1. EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ANY CLEARING OR EARTHWORK AND MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION.
2. CONTRACTOR SHALL MAINTAIN SOIL EROSION CONTROL DEVICES THROUGHOUT THE COURSE OF THE CONSTRUCTION.
3. ALL EROSION AND SEDIMENT CONTROL DEVICES MUST BE INSPECTED ON A DAILY BASIS AND CLEARED IMMEDIATELY AFTER EACH STORM.
4. PREVENTION OF SOIL EROSION SHALL INCLUDE BUT NOT BE LIMITED TO THE ABOVE MEASURES. THE CONTRACTOR SHALL BE RESPONSIBLE TO CORRECT ANY OMISSIONS, ERRORS OR FIELD OPERATIONS IMMEDIATELY AND IN ACCORDANCE WITH THE STATE OF NEW YORK GUIDELINES FOR URBAN EROSION AND SEDIMENT CONTROL.
5. ALL WORK TO BE PERFORMED IN ACCORDANCE WITH THE LATEST NYS DEC GUIDELINES FOR URBAN EROSION AND SEDIMENT CONTROL IN NEW YORK AND MEET EPA 832 REGULATIONS.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ROADWAYS ON AND OFF SITE AND MUST KEEP THEM FREE OF SITE GENERATED SEDIMENT AT ALL TIMES. DUST SHALL BE CONTROLLED BY SPRINKLING OR OTHER APPROVED METHOD.
7. ALL CONSTRUCTION VEHICLES HAULING MATERIALS EITHER INTO OR OUT OF THE CONSTRUCTION AREA SHALL HAVE A SECURED TARP OVER MATERIALS TO PREVENT SEDIMENT POLLUTION OF PUBLIC ROADWAYS.
8. ROADWAYS IN AND AROUND THE CONSTRUCTION AREA SHALL BE KEPT FREE OF CONSTRUCTION DEBRIS, MATERIALS AND EQUIPMENT AT ALL TIMES.
9. STRAW BALE DIKE MAINTENANCE
BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE. DRAINAGE AREA NO MORE THAN ¼ ACRE PER 100 FEET OF STRAW BALE DIKE FOR SLOPES LESS THAN 25%.
10. SILT FENCE MAINTENANCE
MAINTENANCE SHALL BE ONGOING AND PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
11. STABILIZED CONSTRUCTION ENTRANCE MAINTENANCE
THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEEMED AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAYS MUST BE REMOVED IMMEDIATELY.

- L-000 GENERAL NOTES & LIST OF DRAWINGS
- T-001 SURVEY
- L-001 DEMOLITION & REMOVALS PLAN - CITY OF HUDSON SCOPE
- L-002 DEMOLITION & REMOVALS PLAN - CONTRACT SCOPE
- L-003 ADA ACCESS PLAN
- L-100 MATERIALS PLAN
- L-101 PLAYGROUND ENLARGEMENT PLAN
- L-102 UPPER PROMENADE ENLARGEMENT PLAN
- L-200 LAYOUT PLAN
- L-201 HANDRAIL LAYOUT PLAN
- L-202 PLAZA STONE LAYOUT PLAN
- L-300 GRADING PLAN
- L-400 PLANTING PLAN
- L-500 PAVEMENT DETAILS
- L-501 WALL & RAMP DETAILS
- L-502 STAIR DETAILS
- L-503 HANDRAIL DETAILS
- L-504 STONE DETAILS
- L-505 SITE FURNISHINGS
- L-506 PLAYGROUND DETAILS
- L-507 PLANTING DETAILS
- L-508 TREE PROTECTION & SEDIMENT CONTROL DETAILS
- S-001 STRUCTURAL NOTES
- S-100 FOUNDATION PLAN
- S-101 ARCED RAMP FOUNDATION PLAN
- S-102 STRUCTURAL DETAILS
- S-103 STRUCTURAL DETAILS
- S-104 STRUCTURAL DETAILS
- C-100 ELECTRIC & WATER UTILITY PLANS
- C-101 STORM WATER UTILITY PLAN & PROFILES
- C-102 WATER PLAY ELEMENT CUT SHEETS
- C-103 UTILITY DETAILS
- C-104 UTILITY DETAILS

MIN.	-	MINIMUM	SF	-	SQUARE FEET
MAX.	-	MAXIMUM	CB	-	CATCH BASIN
REF.	-	REFERENCE	TG	-	TOP OF FINISHED GRADE
DIA.	-	DIAMETER	NTS	-	NOT TO SCALE
TYP.	-	TYPICAL	TBD	-	TO BE DETERMINED
CONT.	-	CONTINUOUS	HT	-	HEIGHT
EQ.	-	EQUAL	B&B	-	BALLED AND BURLAPPED
APPRX.	-	APPROXIMATELY	EXP.	-	EXPANSION
CAL.	-	CALIPER	JT.	-	JOINT
IN.	-	INCH	O.C.	-	ON CENTER
FT.	-	FOOT	W/	-	WITH
SQ.	-	SQUARE	CL	-	CENTER LINE
PSI	-	POUNDS PER SQUARE INCH	IR	-	INSIDE RADIUS
TC	-	TOP OF CURB	@	-	AT
BC	-	BOTTOM OF CURB	TPAR	-	TEMPORARY PEDESTRIAN
R	-	RADIUS	ACCESS ROUTE		
			CM	-	CONSTRUCTION MANAGER

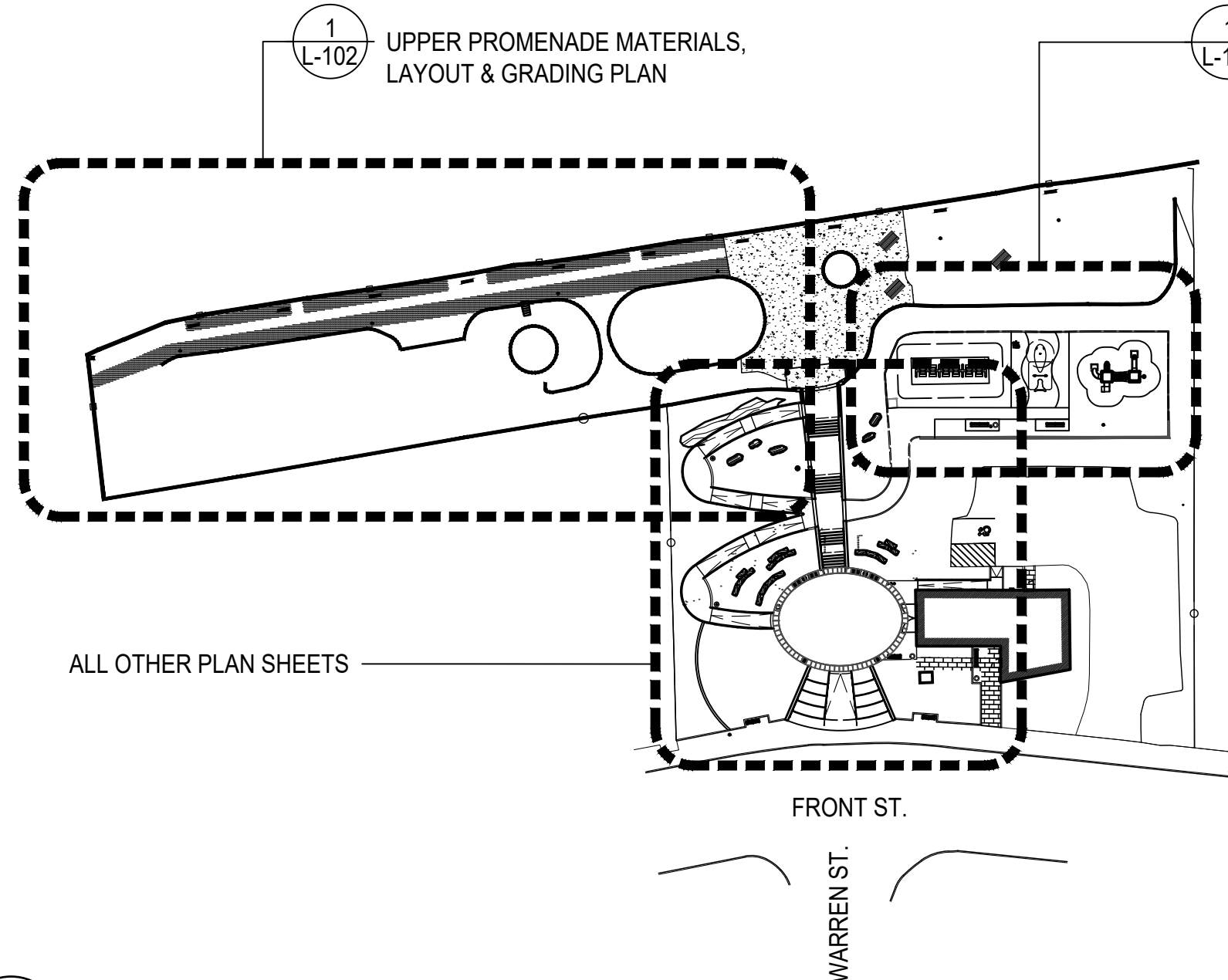
Funding for this project partially provided by a
New York State Department of State
Downtown Revitalization Initiative
Promenade Hill Park Improvements
City of Hudson



SCALE: N.T.S.



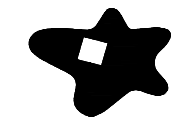
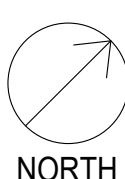
1 PROJECT LOCATION



NOTE: ALL WORK SHOWN ON THIS SHEET BEYOND WHAT IS REQUIRED FOR THE INSTALLATION OF THE SPRAY SHOWER AREA IS TO BE PERFORMED ONLY IF PLAYGROUND ALTERNATE IS INCLUDED IN THE FINAL CONTRACT.

2 SITE PLOT PLAN

SCALE: 1/64" = 1'-0"



STARR WHITEHOUSE
Landscape Architects
and Planners PLLC

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PROMENADE HILL PARK RENOVATIONS

The renovation of Promenade Hill Park including provision of ADA accessible ramps, drainage, landscape and pedestrian lighting improvements.

2 WARREN ST.
HUDSON, NY 12534

PROJECT TEAM

OWNER:

CITY OF HUDSON
520 WARREN ST
HUDSON, NY 12534
TEL: 518.828.1030

CIVIL & STRUCTURAL ENGINEER:

PROPER O'LEARY ENGINEERING, DPC
915 5TH AVE, PO BOX 246
TROY, NEW YORK 12181

TEL: 518.610.8331



SURVEYOR

S.Y. KIM LAND SURVEYOR, PC
424 N. GREENBUSH ROAD
ARNSSELAER, NY 12144

TEL: 518.785.3969



PROFESSIONAL SEAL



REVISIONS

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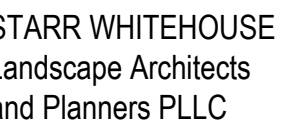
SHEET TITLE

GENERAL NOTES AND LIST OF DRAWINGS

DRAWN BY	CA
CHECKED BY	GWL, JP, SW
PROJECT NO.	DRI C1001294
ISSUE DATE	02/08/2021
SCALE	AS NOTED
SHEET NO.	

01 OF 33

L-000



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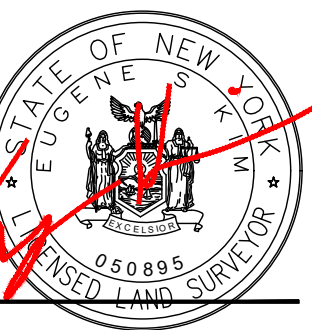
SURVEYOR

S.Y. KIM LAND SURVEYOR, PC
424 N. GREENBUSH ROAD
RENSSELAER, NY 12144

TEL: 518.785.3969



PROFESSIONAL SEAL



REVISIONS

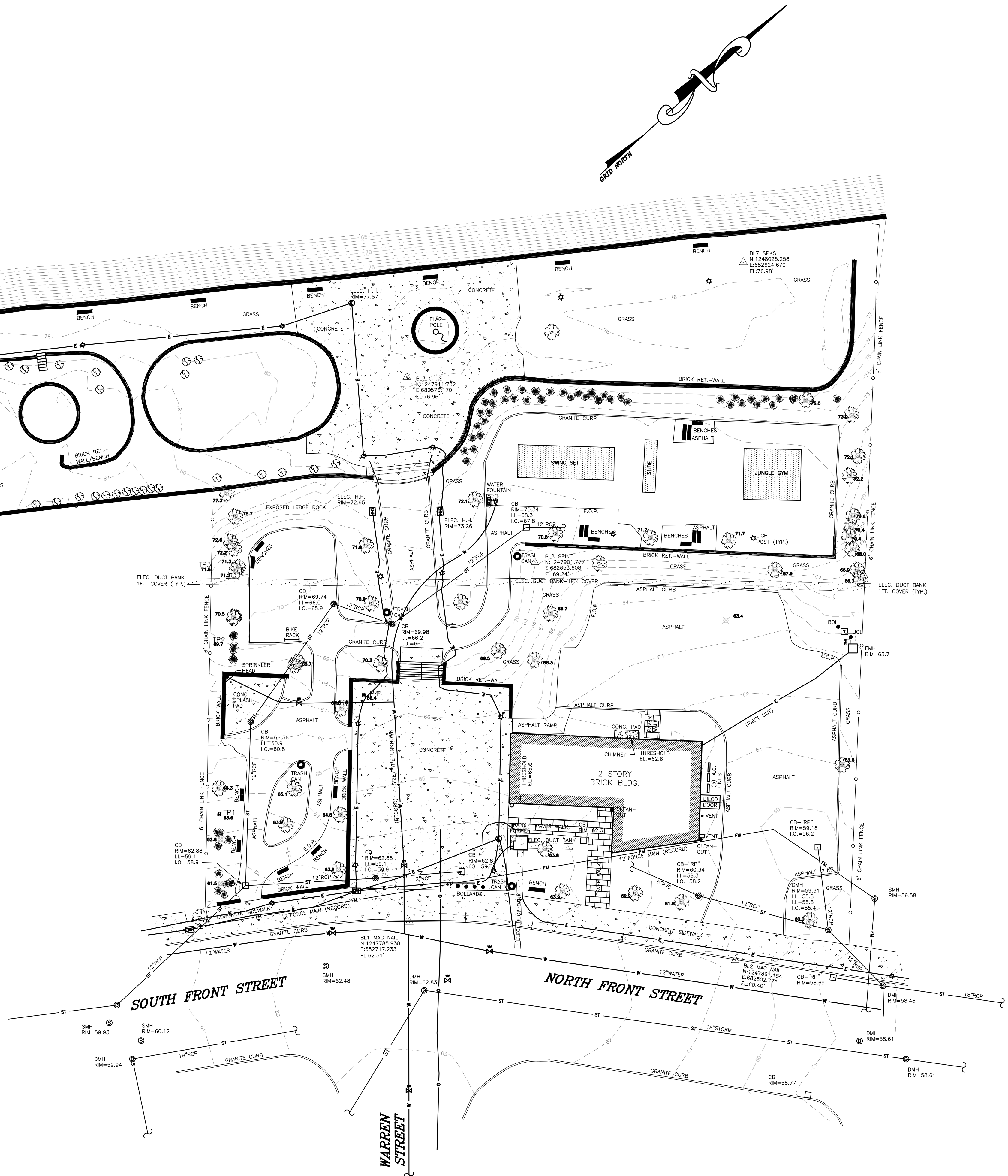
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DRAWN BY	CJC
CHECKED BY	ESK
PROJECT NO.	DRI C1001294 6931 (SYKIM)
ISSUE DATE	02/08/2021
SCALE	1" = 20'-0"
SHEET NO.	

02 OF 33














T-001

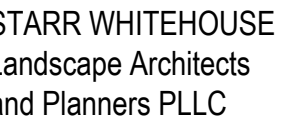


NOTES:

1. SURVEY SHOWN WAS PREPARED FROM A JUNE 2020 FIELD SURVEY.
2. SURVEY SHOWN WAS PREPARED WITHOUT THE BENEFIT OF AN UP TO DATE ABSTRACT OF TITLE OR TITLE REPORT AND IS SUBJECT TO ANY STATEMENTS OF FACT THAT SUCH INFORMATION MAY BE OBTAINED FROM A TITLE CURATIVE OR TITLE REPORT.
3. SURVEY SUBJECT TO ANY SUBSURFACE CONDITIONS THAT MAY EXIST, IF ANY.
4. PARCEL SUBJECT TO ANY SETBACKS, RESTRICTIONS, RIGHTS-OF-WAY (PUBLIC OR PRIVATE), EASEMENTS (PUBLIC OR PRIVATE), UTILITY EASEMENTS OF RECORD OR OTHER FACTS THAT MAY AFFECT THE SURVEYED AREA.
5. UNDERGROUND UTILITIES SHOWN HEREON ARE APPROXIMATE AND BASED ON UTILITY EVIDENCE VISIBLE AT GROUND SURFACE AND ARE SUBJECT TO FIELD VERIFICATION BY EXCAVATION. UTILITIES SHOWN DO NOT IMPLY TO CONSTITUTE OR REPRESENT ALL UTILITIES UPON OR ADJACENT TO THE SURVEYED AREA. OTHER UTILITIES MAY EXIST, IF ANY.
6. ALL BEARINGS ARE WITH REFERENCE TO GRID NORTH NEW YORK STATE PLANE COORDINATES, NEW YORK EAST ZONE, NORTH AMERICAN DATUM 1983.
7. ALL ELEVATIONS ARE WITH REFERENCE TO THE NORTH AMERICAN VERTICAL DATUM 1988.
8. "RP" DESIGNATION REFERS TO RESTRICTOR PLATES MOUNTED ON THE PIPES WITHIN THE STRUCTURES TO PREVENT GROUND SURFACE EROSION AND PREVENTING AN ACCURATE INVERT MEASUREMENT. INVERT TOP ELEVATIONS SHOWN WITH "RP" DESIGNATION ARE TOP OF WATER LEVEL WITHIN THE STRUCTURES.

LEGEND:

	WATER VALVE
	FIRE HYDRANT
	WATER SERVICE SHUTOFF
	ELECTRIC HANDHOLE
	BOLLARD
	SIGN (1 POST)
	UTILITY POLE
	LIGHT POST
	FLAG POLE
	DECIDUOUS TREE
	TEST PIT (TYP.)
	W/SURFACE ELEV.
	SPOT ELEVATION (TYP.)



PROMENADE HILL PARK RENOVATIONS

2 WARREN ST.
HUDSON, NY 12534

OWNER:**CIVIL & STRUCTURAL ENGINEER:**

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TEL: 518.785.3969

SHEET TITLE

DRAWN BY

WL, JP, SW

PROJECT NO.	DRI C1001294
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ISSUE DATE	02/08/2021
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SCALE	AS NOTED
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SHEET NO

3 OF 33

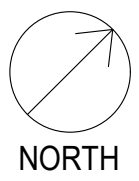
L-001



1. ALL DEMOLITION AND REMOVALS TO BE PERFORMED BY THE CITY OF HUDSON AS SHOWN ON THIS PLAN. FOR DEMOLITION AND REMOVALS IN CONTRACT SCOPE REFER TO L-002, DEMOLITION & REMOVALS PLAN - CONTRACT.
2. SITE CONDITIONS TO BE ACCEPTED AS-IS BY CONTRACTOR FOLLOWING DEMOLITION AND REMOVALS AS COMPLETED BY CITY OF HUDSON.
3. CONTRACTOR SHALL ASSUME UPPER 12" OF SUBGRADE WILL REQUIRE FURTHER GRADING AND ADDITIONAL BACKFILL TO MEET DESIGN GRADES.
4. REFER TO UTILITIES PLAN FOR PROPOSED MODIFICATIONS TO EXISTING ELECTRIC AND WATER INFRASTRUCTURE.
5. CHAMBER OF COMMERCE BUILDING SHALL REMAIN IN OPERATION THROUGHOUT THE DURATION OF THE CONTRACT. ACCESS TO PARKING AREA NORTH AND ACCESSIBLE ENTRANCES SHALL BE MAINTAINED AT ALL TIMES.

TEMPORARY PEDESTRIAN ACCESS ROUTE. PUBLIC ACCESS TO UPPER PROMENADE TO CONTINUE AS ALLOWED BY CONSTRUCTION SCHEDULE AND COORDINATION BY CITY OF HUDSON. ROUTE TO BE BORDERED ALONG THE NORTH SIDE WITH 4'-0" HT. TEMPORARY CONSTRUCTION FENCE.

SCALE: 1/16" = 1'-0"



LIMIT OF WORK

REMOVE AND STOCKPILE SOIL - 12" DEPTH
BY CITY OF HUDSDON (COH)

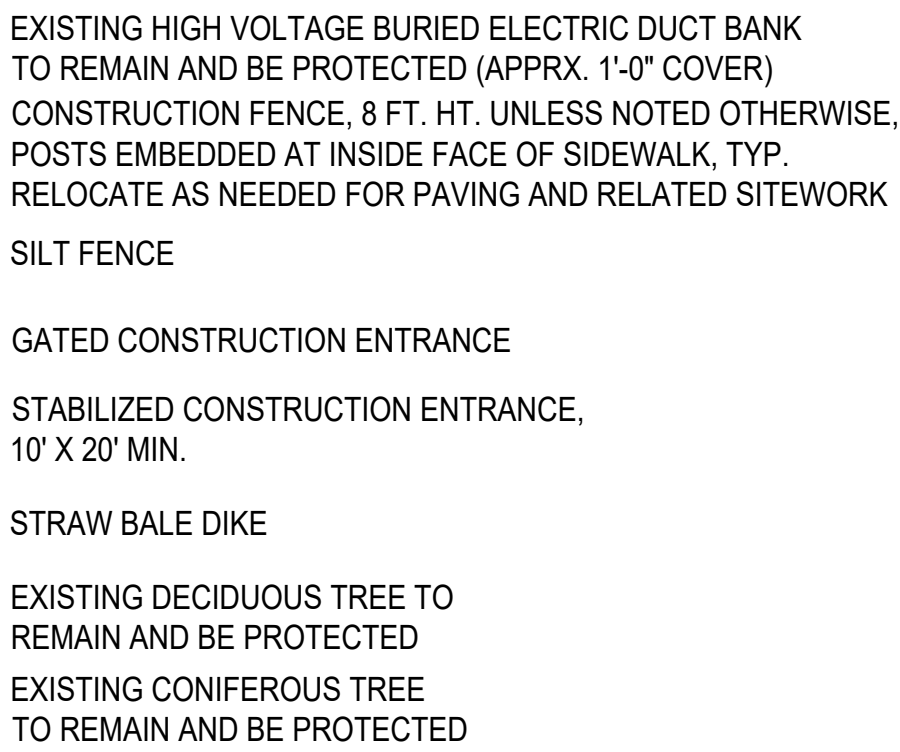
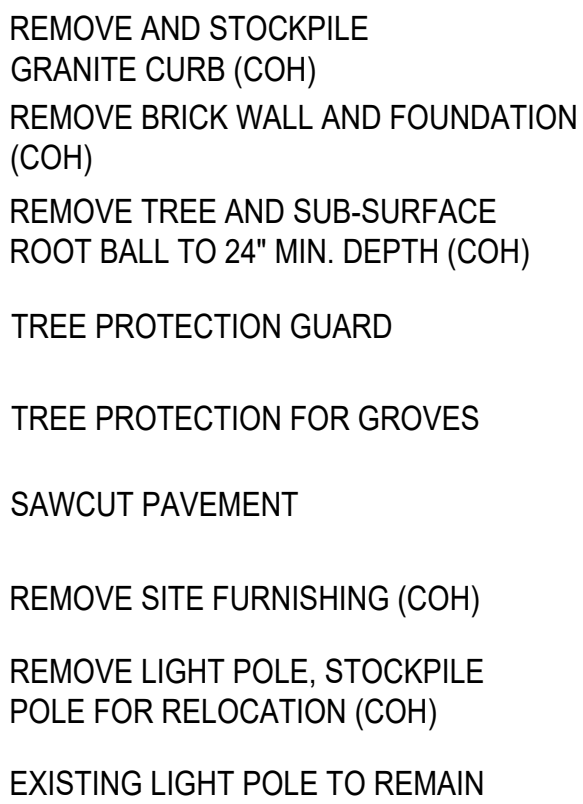
REMOVE ASPHALT PAVEMENT - 12" DEPTH

(COH)
REMOVE CONCRETE PAVEMENT - 12" DEPTH
(COH)

REMOVE STAIRS AND HANDRAILS (COH)

REMOVE AND STOCKPILE
CONCRETE PAVERS (COH)

REMOVE AND STOCKPILE EXISTING
PLAYGROUND SURFACING - 12" DEPTH (COH
- ADD ALTERNATE ONLY)



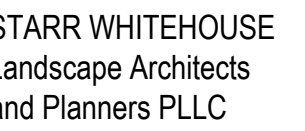
GATED CONSTRUCTION ENTRANCE

STABILIZED CONSTRUCTION ENTRANCE,
10' X 20' MIN.

STRAW BALE DIKE

EXISTING DECIDUOUS TREE TO
REMAIN AND BE PROTECTED

EXISTING CONIFEROUS TREE
TO REMAIN AND BE PROTECTED



10 Broad Street, Suite 1700
New York, New York 10004

ARK RENOVATIONS

The renovation of Promenade Hill Park including

2 WARREN ST.
HUDSON, NY 12534

OWNER:

CIVIL & STRUCTURAL ENGINEER:

TEL: 518.610.8331

TEL: 518.785.3969



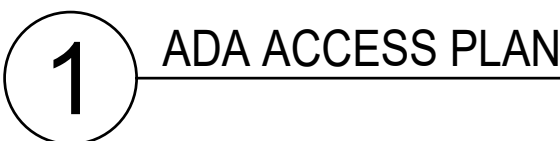
SHEET TITLE

PROJECT NO.	DRI C1001294
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SCALE	AS NOTED
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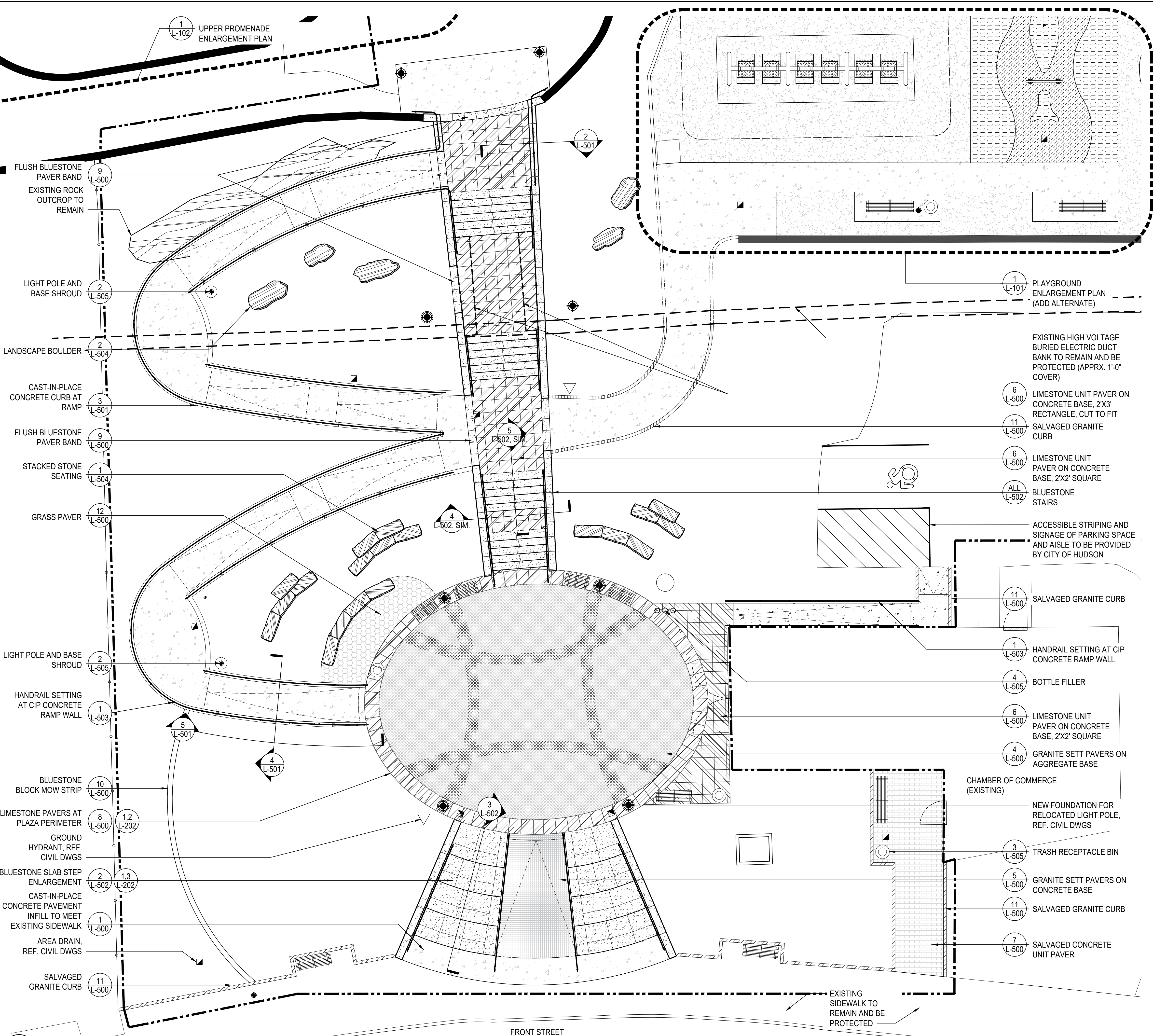
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05 OF 33 L-003



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LEGEND

- LIMIT OF WORK
- [Pattern] CAST IN PLACE CONCRETE
- [Pattern] GRANITE SETT PAVERS
- [Pattern] LIMESTONE UNIT PAVERS
- [Pattern] BLUESTONE STAIRS
- [Pattern] BLUESTONE COPING
- [Pattern] SALVAGED CONCRETE UNIT PAVERS
- [Pattern] POURED IN PLACE COLORED SAFETY SURFACE WEARING COURSE
- [Pattern] GRASS PAVER
- [Pattern] BLUESTONE CURB
- [Pattern] SALVAGED GRANITE CURB
- [Pattern] EXISTING GRANITE CURB TO REMAIN
- STEEL HANDRAIL
- [Symbol] NEW LIGHT POLE
- [Symbol] STACKED STONE SEATING BLOCK
- [Symbol] SEATING SLAB
- [Symbol] SETTEE BENCH WITH BACK
- [Symbol] TRASH / RECYCLE BIN
- [Symbol] PICNIC TABLE (PROVIDED BY CITY OF HUDSON)
- [Symbol] BOTTLE FILER DRINKING FOUNTAIN
- [Symbol] GROUND HYDRANT
- [Symbol] AREA DRAIN
- EXISTING BURIED ELECTRIC DUCT BANK TO REMAIN AND BE PROTECTED

STONE MATERIALS SCHEDULE

FEATURE	MATERIAL	FINISH	DIMENSIONS	QTY.
STONE BLOCKS & BOULDERS				
Stacked Stone Seating Block	Onondaga Limestone	Top: Burned & brushed, Bottom: Sawn, ref. drawings for side conditions	L: 4'-6" - 6'-0" H: 24" W: 22" - 28"	19
Landscape Boulder	Mossy Hill Boulder	Natural, no sharp edges	L: 4'-0" - 7'-0" H: 12" - 30" W: 30" - 42"	5
PAVING				
Granite Setts	Coldspring Prairie Brown & Mountain Green	Thermal Top, sawn bottom, split sides	4" x 4" x 4"	1950 sf
Bluestone Paver Bands	Alcove Bluestone	Natural cleft top, sawn all other sides	3" x 1'-3" x 2'-0"	75 sf
Limestone Pavers - Oval Border	Onondaga Limestone	Burned/Brushed top, sawn all other sides	3" thick, ref. L202 for other dimensions	400 sf
Limestone Pavers - Square	Onondaga Limestone	Burned/Brushed top, sawn all other sides	3" x 2'-0" x 2'-0"	750 sf
Limestone Pavers - Rectangular	Onondaga Limestone	Burned/Brushed top, sawn all other sides	3" x 3'-0" x 2'-0"	110 sf
CURBING				
Bluestone Mow Strip	Alcove Bluestone	Natural cleft top, split sides	5" x 10" x lengths vary from 10" - 24"	50 lf
STAIRS & COPING				
Bluestone Coping Stone	Alcove Bluestone	Natural cleft top, rocked edges	6" x 1'-3" x lengths vary, ref. plan	200 lf
Bluestone Steps - Straight	Alcove Bluestone	Thermal Top, rocked front, sawn to size	4.5" x 17" x lengths vary from 5' - 7', ref. plan	260 lf
Bluestone Steps - Entry slab steps	Alcove Bluestone	Thermal Top, sawn bottom and sides, rocked front	3.5" thick, other dims vary, ref. L202	480 sf
VENEER				
Bluestone Wall Veneer Alcove Split Block	Alcove Bluestone	Split face	3" - 4.5" deep x 4.5" - 12" high - 7" - 30" long	45 sf

PROMENADE HILL PARK RENOVATIONS

The renovation of Promenade Hill Park including provision of ADA accessible ramps, drainage, landscape and pedestrian lighting improvements.

2 WARREN ST.
HUDSON, NY 12534

PROJECT TEAM

OWNER:

CITY OF HUDSON
520 WARREN ST
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CIVIL & STRUCTURAL ENGINEER:

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SURVEYOR

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RENSSELAER, NY 12144

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MATERIALS PLAN

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PROJECT NO.	DRI C1001294
ISSUE DATE	02/08/2021
SCALE	AS NOTED
SHEET NO.	

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SHEET TITLE

UPPER PROMENADE ENLARGEMENT PLAN

DRAWN BY CA

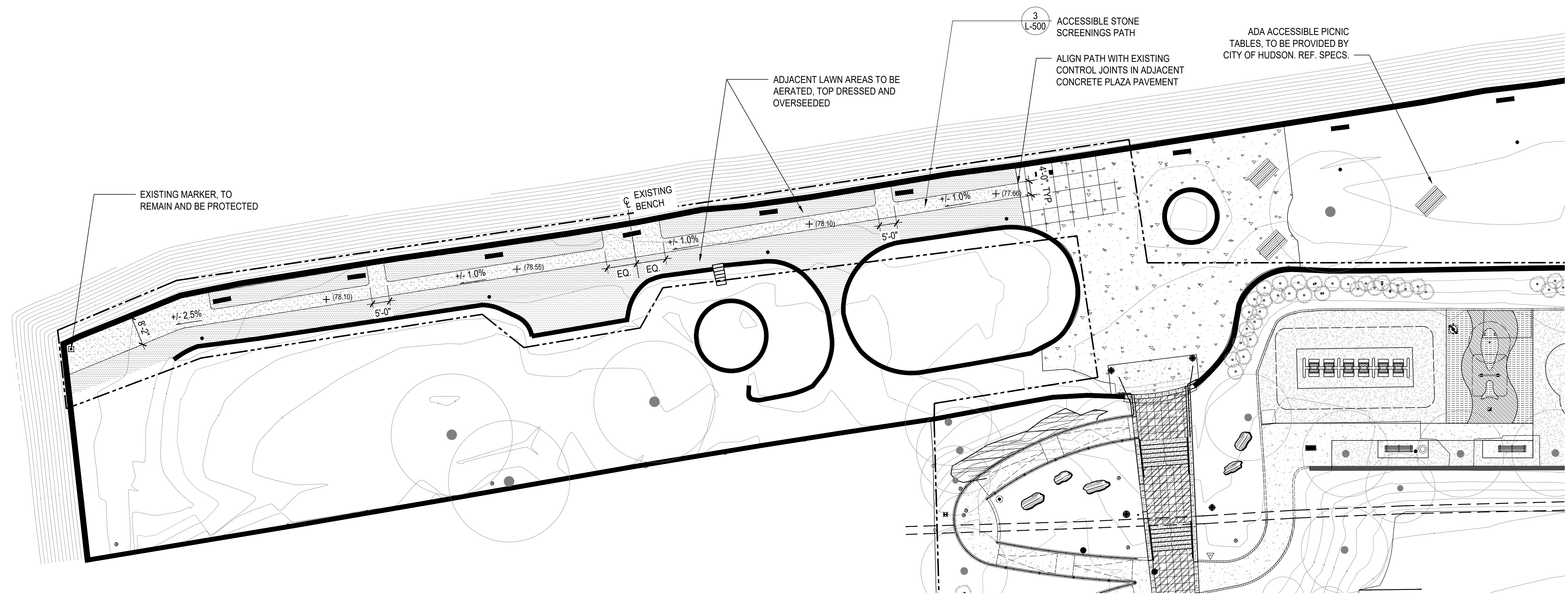
CHECKED BY GWL, JP, SW

PROJECT NO. DRI C1001294

ISSUE DATE 02/08/2021

SCALE AS NOTED

SHEET NO.



1 UPPER PROMENADE ENLARGEMENT PLAN

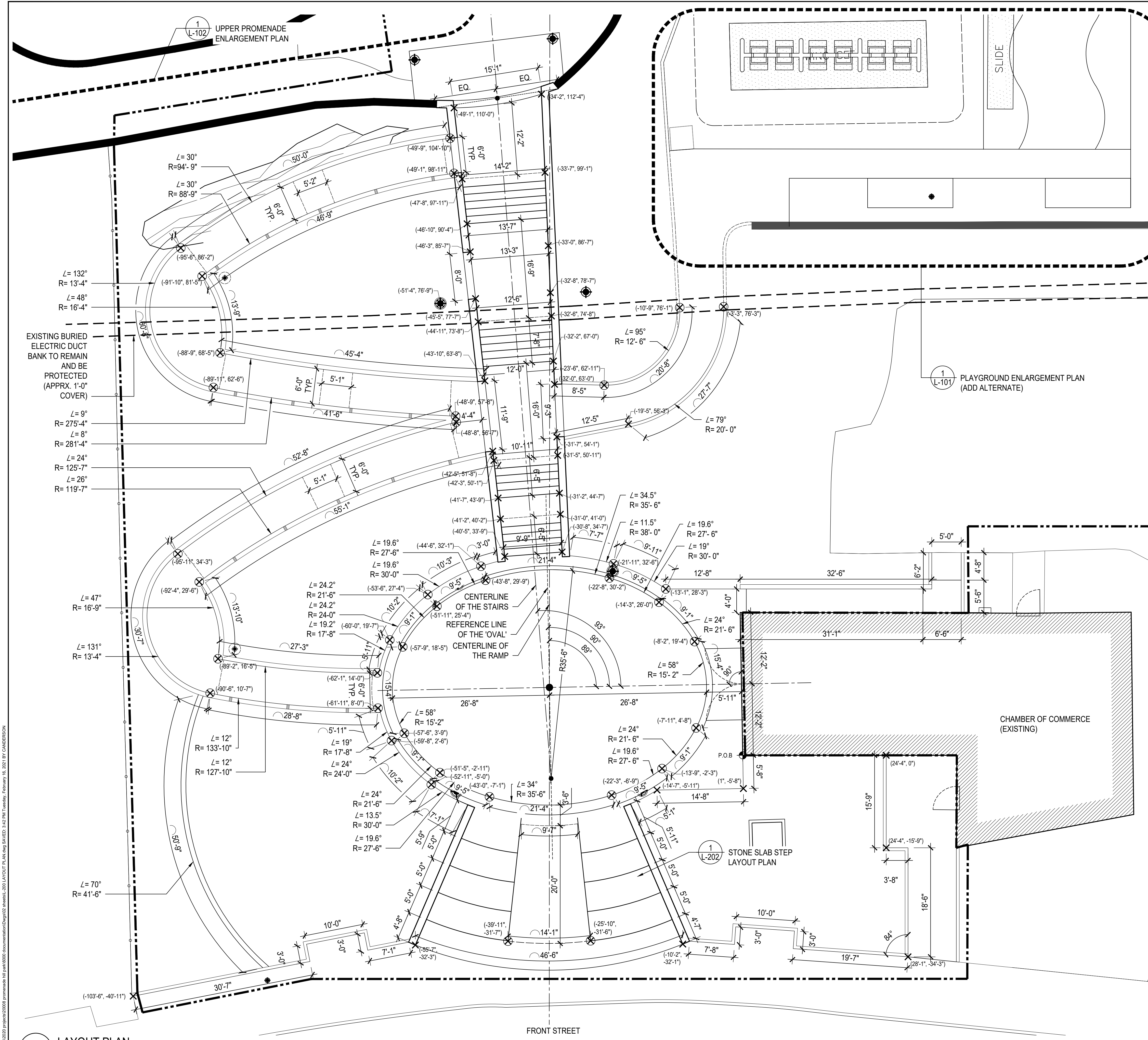
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1" = 16 FT
SCALE IN FEET
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NORTH

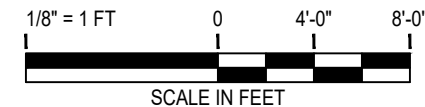
- LEGEND
- LIMIT OF WORK
 - [Hatched] CAST IN PLACE CONCRETE
 - [Dotted] ACCESSIBLE STONE SCREENINGS PATH
 - [Stippled] AERATE, TOP DRESS AND OVERSEED EXISTING LAWN
 - - - - - CENTER LINE
 - [Wavy line] 1' INTERVAL EXISTING MAJOR CONTOUR
 - [Wavy line] 1' INTERVAL EXISTING MINOR CONTOUR
 - [Wavy line] 1' INTERVAL PROPOSED MAJOR CONTOUR
 - [Wavy line] 1' INTERVAL PROPOSED MINOR CONTOUR
 - X.X% SLOPE
 - + XX.XX PROPOSED SPOT ELEVATION
 - + (XX.XX) EXISTING SPOT ELEVATION
 - [Hatched] ADA ACCESSIBLE PICNIC TABLE, TO BE PROVIDED BY CITY OF HUDSON

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1 LAYOUT PLAN

SCALE: 1/8" = 1'-0"



LEGEND

- LIMIT OF WORK LINE
- CENTER LINE
- ⊙ POINT OF BEGINNING
- ⊗ TANGENT POINT
- × COORDINATE POINT
- ARC L ARC LENGTH
- L ARC ANGLE
- R ARC RADIUS
- EXISTING BURIED ELECTRIC DUCT BANK TO REMAIN AND BE PROTECTED (APPRX. 1'-0" COVER)

LAYOUT NOTES

1. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN THE FIELD PRIOR TO COMMENCEMENT OF WORK AND NOTIFY OWNER'S REPRESENTATIVE IN WRITING OF ANY CONDITIONS THAT VARY FROM THE PLANS.
2. THE CONTRACTOR SHALL BLEND NEW WORK WITH EXISTING CONDITIONS WITH A SMOOTH TRANSITION.
3. ALL CORNERS TO BE 90 DEGREES UNLESS OTHERWISE INDICATED.
4. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL MATERIALS AND PERFORM ALL WORK IN ACCORDANCE WITH RECOGNIZED GOOD STANDARDS OF PRACTICE.
5. ALL DIMENSION LINES INVOLVING WALLS ARE TO THE FACE OF THE WALL AT GRADE UNLESS OTHERWISE INDICATED.
6. CONTRACTOR TO LAYOUT CENTERLINES AND CURBLINES OF THE WALL AT GRADE UNLESS OTHERWISE INDICATED.
7. REFER TO L-201 HANDRAIL LAYOUT PLAN FOR HANDRAIL LAYOUT.
8. REFER TO L-202 PLAZA STONE LAYOUT PLAN FOR OVAL BORDER PAVER AND ENTRY STONE SLAB STEP LAYOUT.

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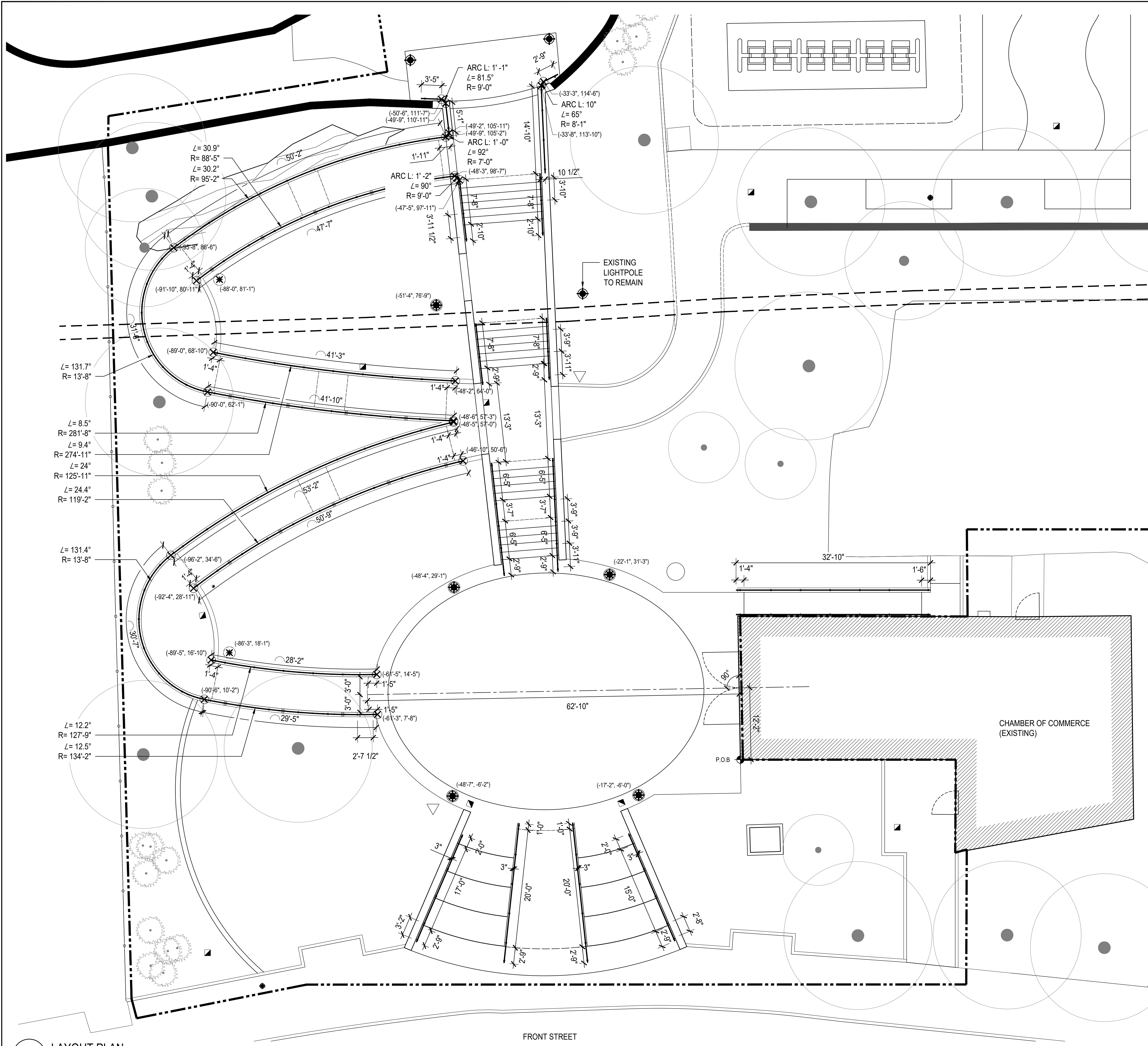
NO.	DATE	DESCRIPTION

SHEET TITLE

LAYOUT PLAN

DRAWN BY	CA
CHECKED BY	GWL, JP, SW
PROJECT NO.	DRI C1001294
ISSUE DATE	02/08/2021
SCALE	AS NOTED
SHEET NO.	09 OF 33

FILE: P:\01 - project files\2020 projects\2020 promenade hill park\000 documentation\Drawings\20 HANDRAIL LAYOUT PLAN.dwg (SAVED: 1:59 PM Tuesday, February 18, 2021 BY: CANDERSON)



LEGEND

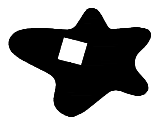
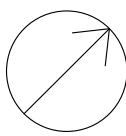
- LIMIT OF WORK LINE
- - - CENTER LINE
- ⊕ POINT OF BEGINNING
- ⊗ TANGENT POINT
- × COORDINATE POINT
- ARC L ARC LENGTH
- L ARC ANGLE
- R ARC RADIUS
- EXISTING BURIED ELECTRIC DUCT BANK TO REMAIN AND BE PROTECTED (APPRX. 1'-0" COVER)
- STEEL HANDRAIL

LAYOUT NOTES

1. THE CONTRACTOR SHALL VERIFY EXISTING CONDITONS IN THE FIELD PRIOR TO COMMENCEMENT OF WORK AND NOTIFY OWNER'S REPRESENTATIVE IN WRITING OF ANY CONDITIONS THAT VARY FROM THE PLANS.
2. THE CONTRACTOR SHALL BLEND NEW WORK WITH EXISTING CONDITIONS WITH A SMOOTH TRANSITION.
3. ALL CORNERS TO BE 90 DEGREES UNLESS OTHERWISE INDICATED.
4. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL MATERIALS AND PERFORM ALL WORK IN ACCORDANCE WITH RECOGNIZED GOOD STANDARDS OF PRACTICE.
5. ALL DIMENSION LINES INVOLVING WALLS ARE TO THE FACE OF THE WALL AT GRADE UNLESS OTHERWISE INDICATED.
6. CONTRACTOR TO LAYOUT CENTERLINES AND CURBLINES OF THE WALL AT GRADE UNLESS OTHERWISE INDICATED.
7. HANDRAIL POSTS TO BE SET 5'-0" O.C. UNLESS OTHERWISE NOTED.

1 LAYOUT PLAN

SCALE: 1/8" = 1'-0"



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PROMENADE HILL PARK RENOVATIONS

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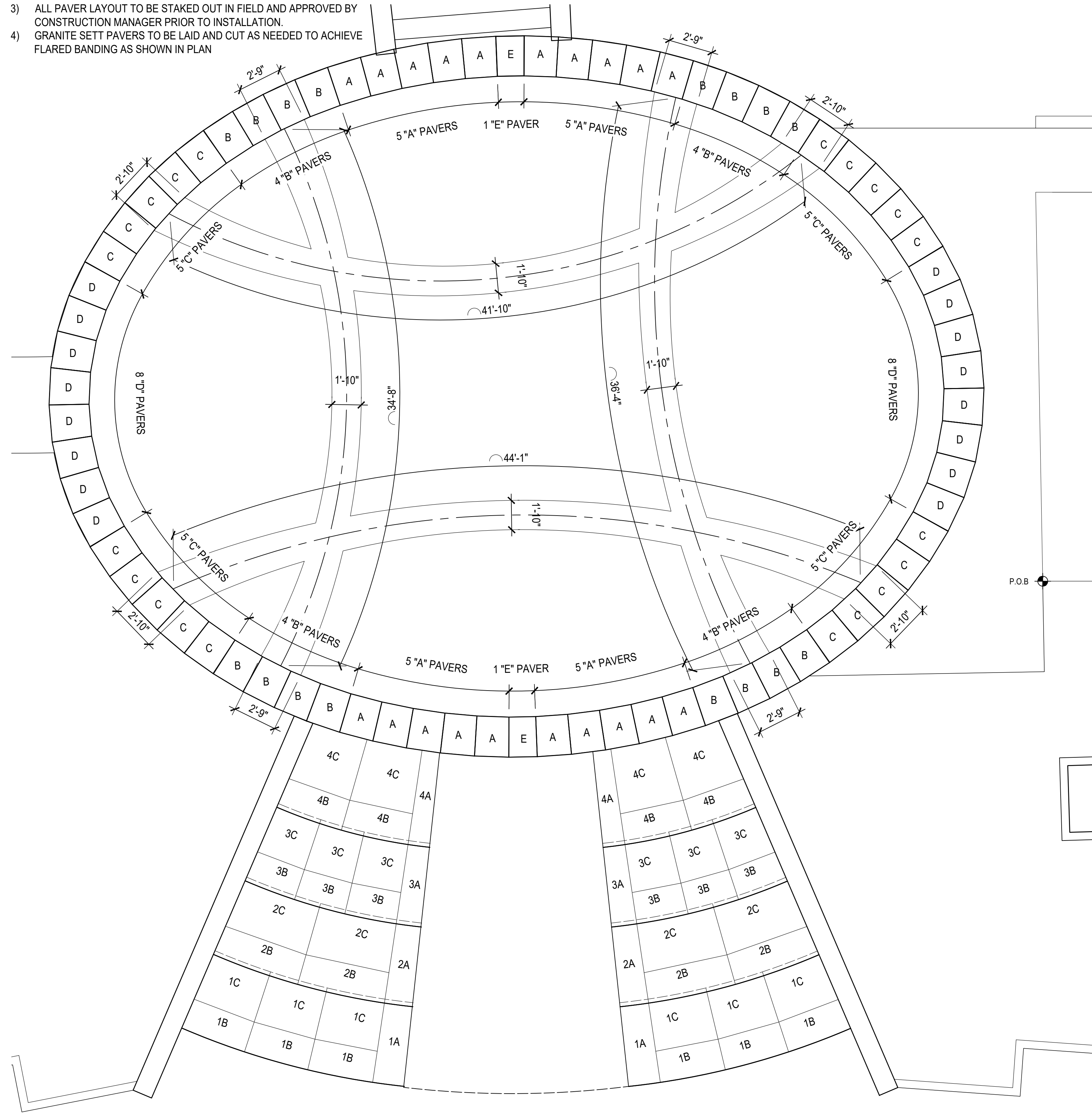
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SHEET TITLE

HANDRAIL
LAYOUT PLAN

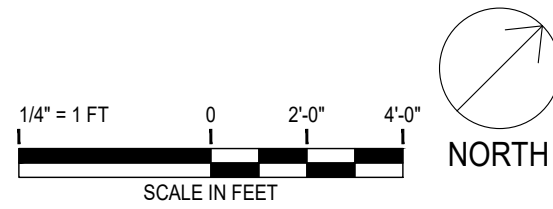
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PROJECT NO.	DRI C1001294
ISSUE DATE	02/08/2021
SCALE	AS NOTED
SHEET NO.	

- NOTES:
- 1) GRANITE SETT PAVER FIELD TO BE PRAIRIE BROWN. GRANITE SETT PAVER BANDS TO BE MOUNTAIN GREEN.
 - 2) CONTRACTOR SHALL PROVIDE SHOP DRAWINGS OF PAVING PATTERN AND PAVER COLOR SAMPLES FOR APPROVAL BY LANDSCAPE ARCHITECT.
 - 3) ALL PAVER LAYOUT TO BE STAKED OUT IN FIELD AND APPROVED BY CONSTRUCTION MANAGER PRIOR TO INSTALLATION.
 - 4) GRANITE SETT PAVERS TO BE LAID AND CUT AS NEEDED TO ACHIEVE FLARED BANDING AS SHOWN IN PLAN

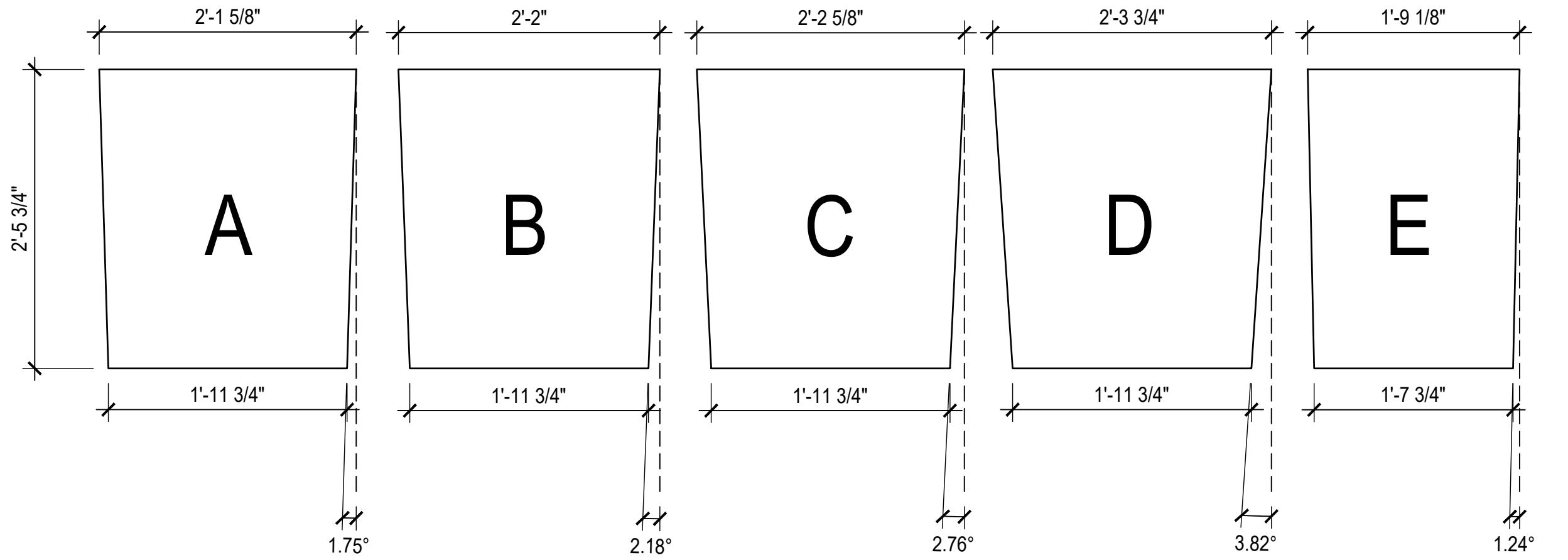


1 PLAZA STONE PAVER & STEP SLAB LAYOUT KEY

SCALE: 1/4" = 1'-0"

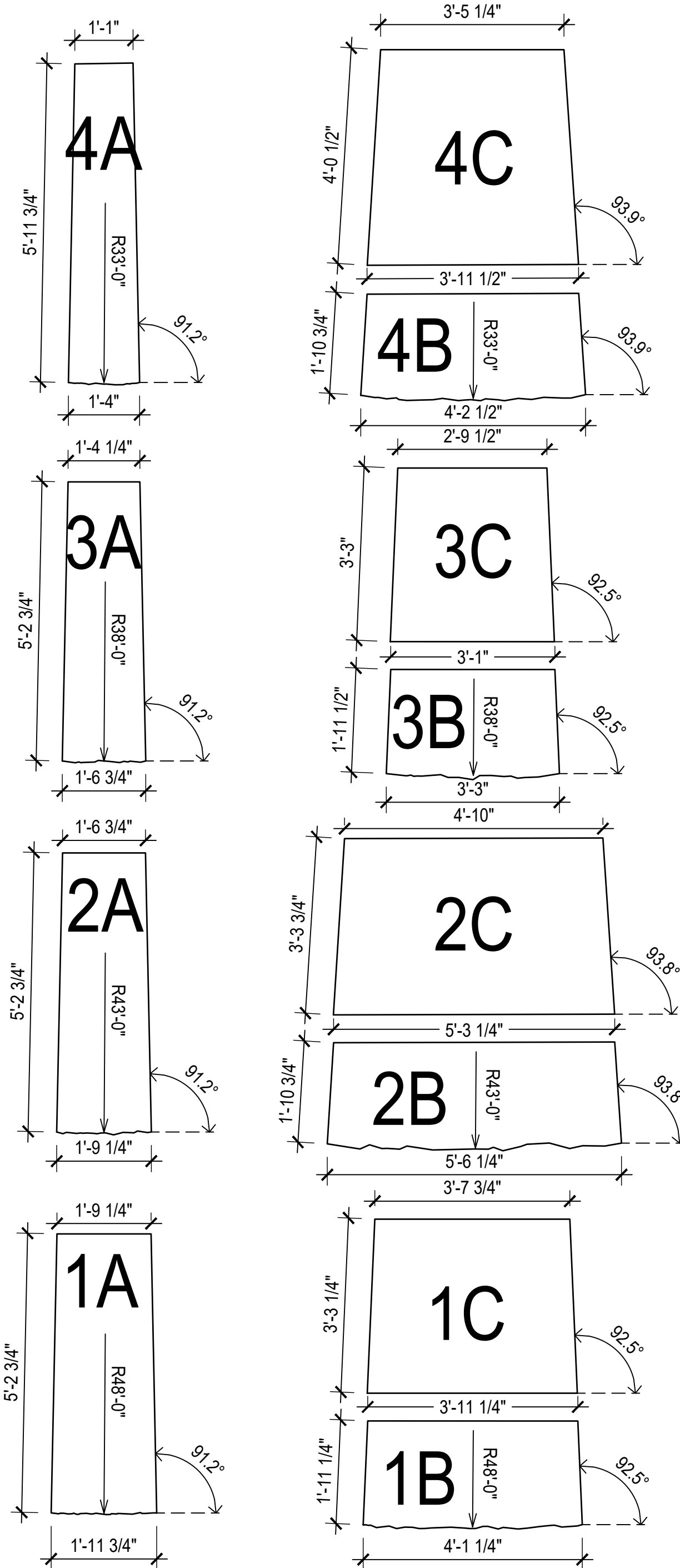


- NOTES:
- 1) ALL PAVERS TO HAVE SAWN SIDES AND BOTTOM WITH BURNED AND BRUSHED TOP FINISH
 - 2) SHOP DRAWINGS TO BE SUBMITTED FOR APPROVAL PRIOR TO PAVER FABRICATION
 - 3) PAVER DIMENSIONS AS SHOWN ACCOUNT FOR 1/4" JOINT BETWEEN PAVERS



2 PLAZA STONE PAVER SIZES

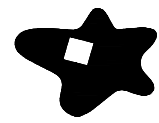
SCALE: 1" = 1'-0"



- NOTES:
- 1) ALL STEPS TO HAVE THERMAL TOP, SAWN BOTTOM AND SIDES WITH A ROCKED FRONT FACE
 - 2) SHOP DRAWINGS TO BE SUBMITTED FOR APPROVAL PRIOR TO STEP SLAB FABRICATION
 - 3) STEP SLAB DIMENSIONS AS SHOWN ACCOUNT FOR 1/4" JOINT BETWEEN SLABS

3 ENTRY STEP SLAB SIZES

SCALE: 1/2" = 1'-0"



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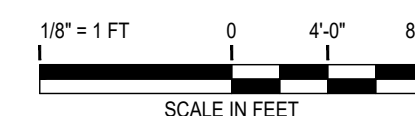
SHEET TITLE

PLAZA STONE
LAYOUT PLAN

DRAWN BY	CA
CHECKED BY	GWJ, JP, SW
PROJECT NO.	DRI C1001294
ISSUE DATE	02/08/2021
SCALE	AS NOTED
SHEET NO.	

12 OF 33

L-300





1/8" = 1 FT

0 4'-0" 8'-0"

SCALE IN FEET

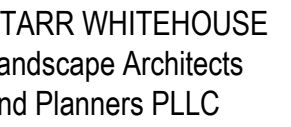
NORTH

PLANTING NOTES

1. THE CONTRACTOR SHALL VERIFY CONDITIONS PRIOR TO COMMENCING PLANTING WORK. NOTIFY THE ARCHITECT IMMEDIATELY IF CONDITIONS DENTRIMENTAL TO NEW OR EXISTING PLANT MATERIAL ARE ENCOUNTERED.
2. THE CONTRACTOR SHALL STAKE AND LABEL THE LOCATIONS OF ALL PLANT MATERIAL PRIOR TO DELIVERY OF PLANTS. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT WHEN STAKING IS COMPLETE AND SCHEDULE A MEETING AT THE SITE AT WHICH TIME FINAL LOCATIONS WILL BE APPROVED.
3. THE ARCHITECT SHALL INSPECT ALL PLANT MATERIAL PRIOR TO PLANTING. THE ARCHITECT RETAINS THE RIGHT TO REJECT ANY PLANT MATERIAL PRIOR TO PLANTING.
4. NO PLANT MATERIAL WILL BE ACCEPTED WHICH DISPLAYS MAJOR IRREGULARITIES OR MECHANICAL DAMAGE.
5. ALL TREES AND SHRUBS SHALL BE FRESHLY DUG AND DELIVERED TO THE SITE AS REQUIRED FOR IMMEDIATE PLANTING. NO PLANT SHALL REMAIN UNPLANTED FOR MORE THAN 6 HOURS.
6. ALL LAWN AREAS WITHIN THE PROPERTY LINE AND OUTSIDE THE PROPERTY LINE WHICH ARE DAMAGED DURING CONSTRUCTION SHALL BE RECONDITIONED WITH SPECIFIED TOPSOIL, SEED AND FERTILIZER.
7. MULCH GROUNDCOVER AREAS AND PLANTING BEDS WITH 2" SHREDDED BARKMULCH.



L-400



10 Broad Street, Suite 1700
New York, New York 10004

WORK RENOVATIONS

PROMENADE HILL PARK RENOVATIONS

2 WARREN ST.
HUDSON, NY 12534

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PROJECT NO.	DRI C1001294
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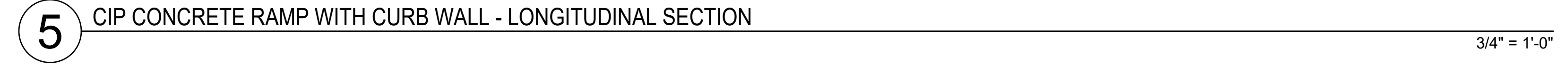
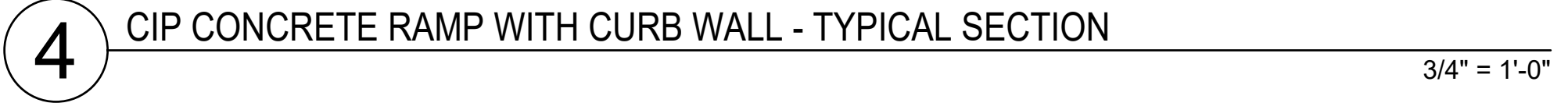
ISSUE DATE	02/08/2021
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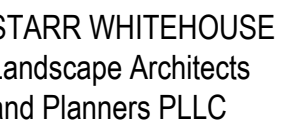
SCALE	AS NOTED
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SHEET NO.

5 OF 33

-501





PROMENADE HILL PARK RENOVATIONS

2 WARREN ST.
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PROJECT TEAM

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PROJECT NO.	DRI C1001294
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ISSUE DATE	02/08/2021
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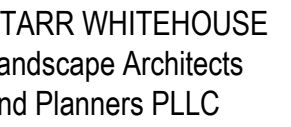
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SHEET NO.

6 OF 33

-502





PROMENADE HILL PARK RENOVATIONS

2 WARREN ST.
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SHEET TITLE

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PROJECT NO.	DBLG1001004
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PROJECT NO.	DRI C1001294
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ISSUE DATE	02/08/2021
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SCALE	AS NOTED
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SHEET NO.

17 OF 33

L-503


$$1\frac{1}{2}'' = 1'-0''$$


1 1/2" = 1'-0"



1 1/2" = 1'-0"

NOTES:

CONTRACTOR SHALL CONFIRM THAT RAILING
MEETS ALL STATE AND LOCAL CODES

CONTRACTOR TO PROVIDE MEASURED SHOP
DRAWINGS OF ALL RAILING COMPONENTS
PRIOR TO FABRICATION AND INSTALLATION



3" = 1'-0"



$$3'' = 1'-0''$$


1' = 1'-0"

FILE: P:\01 - project files\2020 projects\20008 promenade hill park\0000 documentation\02 details\04 STONE DETAILS.dwg, SAVES: 5:06 PM Friday, February 12, 2021 BY: CANDEBSON

1

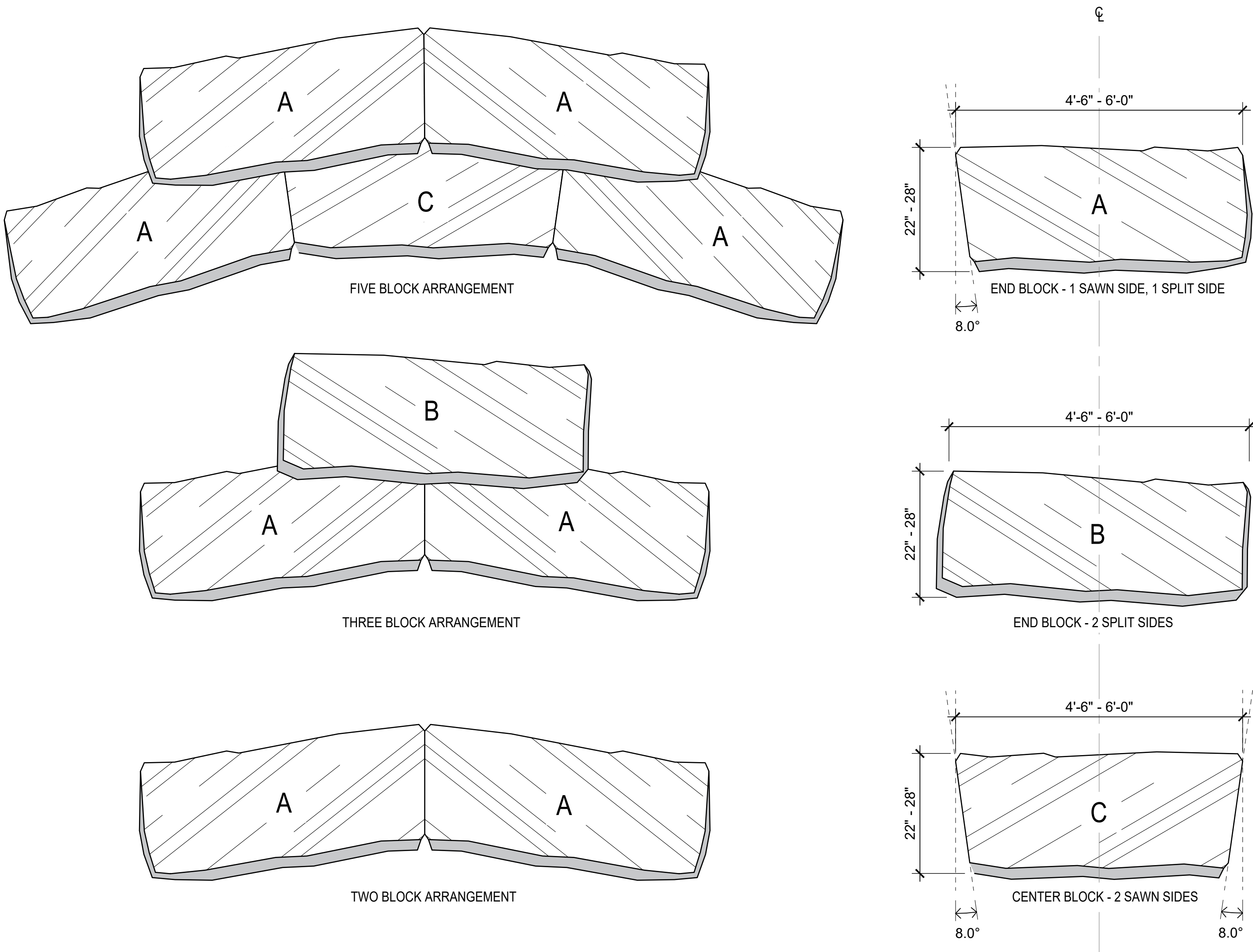
STACKED STONE SEATING

3/4" = 1'-0"

2

LANDSCAPE BOULDER

3/4" = 1'-0"

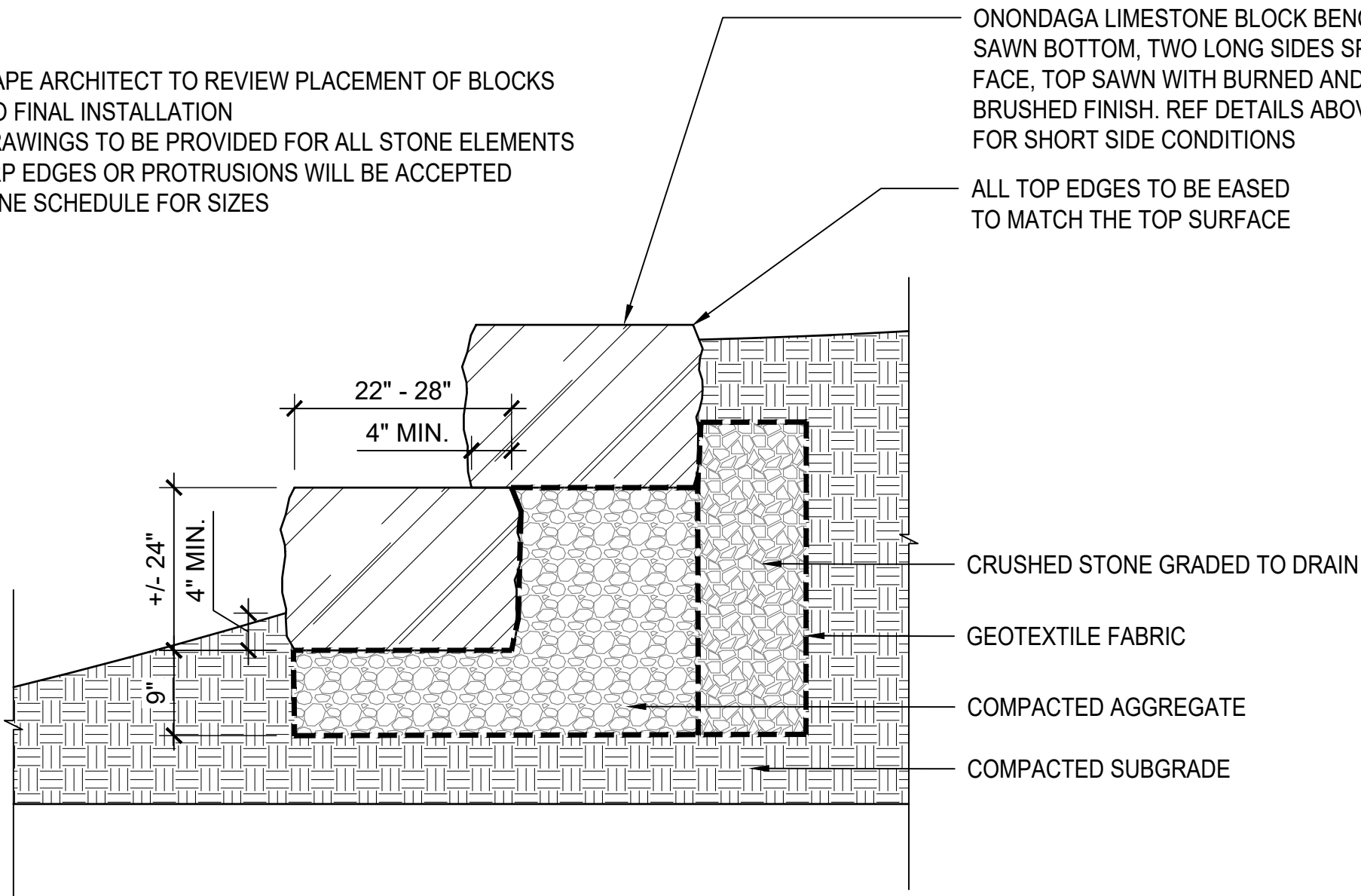


NOTES

1. LANDSCAPE ARCHITECT TO REVIEW PLACEMENT OF BLOCKS PRIOR TO FINAL INSTALLATION
2. SHOP DRAWINGS TO BE PROVIDED FOR ALL STONE ELEMENTS
3. NO SHARP EDGES OR PROTRUSIONS WILL BE ACCEPTED
4. SEE STONE SCHEDULE FOR SIZES

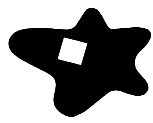
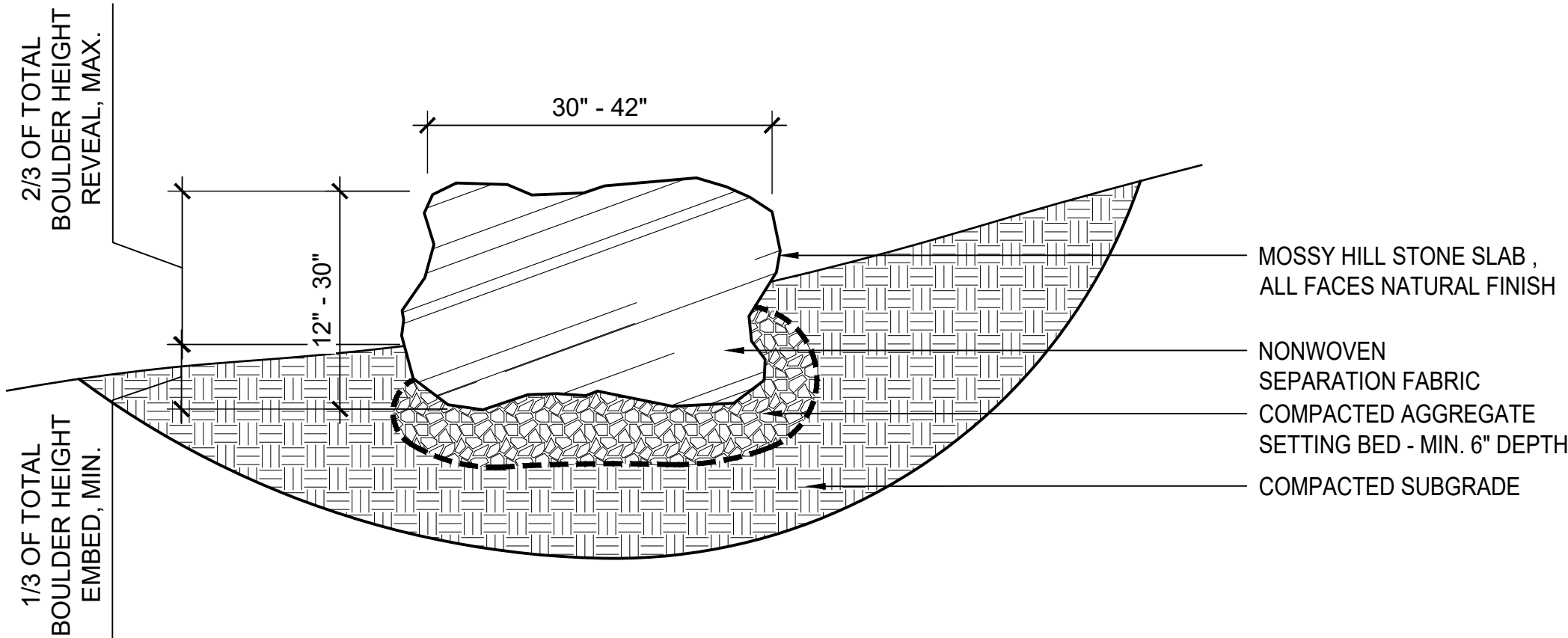
ONONDAGA LIMESTONE BLOCK BENCH. SAWN BOTTOM, TWO LONG SIDES SPLIT FACE, TOP SAWN WITH BURNED AND BRUSHED FINISH. REF DETAILS ABOVE FOR SHORT SIDE CONDITIONS

ALL TOP EDGES TO BE EASED TO MATCH THE TOP SURFACE



NOTES

1. LANDSCAPE ARCHITECT TO SELECT BOULDERS AT QUARRY AND REVIEW PLACEMENT OF BOULDERS PRIOR TO FINAL INSTALLATION
2. SHOP DRAWINGS TO BE PROVIDED FOR ALL STONE ELEMENTS
3. NO SHARP EDGES OR PROTRUSIONS WILL BE ACCEPTED
4. SEE STONE SCHEDULE FOR SIZES



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TEL: 518.785.3969



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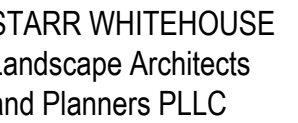
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STONE DETAILS

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CHECKED BY	GWL, JP, SW
PROJECT NO.	DRI C1001294
ISSUE DATE	02/08/2021
SCALE	AS NOTED
SHEET NO.	



0 Broad Street, Suite 1700
New York, New York 10004

ARK RENOVATIONS

PROMENADE HILL PARK RENOVATIONS

The renovation of Promenade Hill Park including provision of ADA accessible ramps, drainage, landscape and pedestrian lighting improvements.

2 WARREN ST.
HUDSON, NY 12534

PROJECT TEAM

OWNER:

CITY OF HUDSON
520 WARREN ST
HUDSON, NY 12534
TEL: 518.828.1030

CIVIL & STRUCTURAL ENGINEER:

PROPER O'LEARY ENGINEERING, DPC
1915 5TH AVE, PO BOX 246
TROY, NEW YORK 12181

TEL: 518.610.8331

SURVEYOR

S.Y. KIM LAND SURVEYOR, PC
424 N. GREENBUSH ROAD
RENSSELAER, NY 12144

TEL: 518.785.3969

SHEET TITLE

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CHECKED BY

PROJECT NO.	
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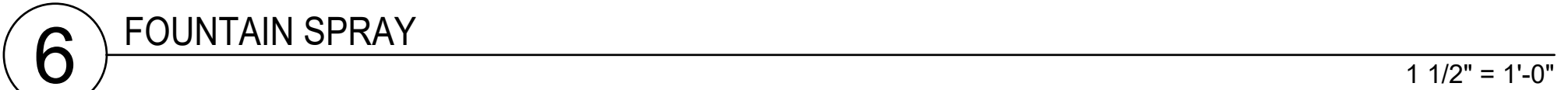
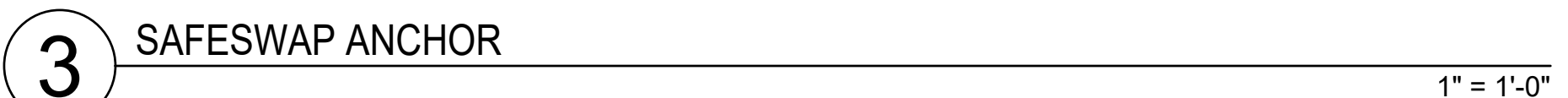
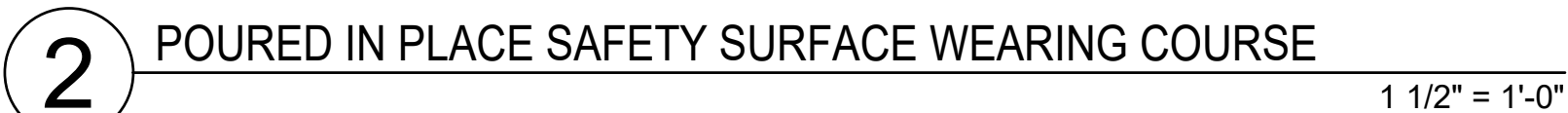
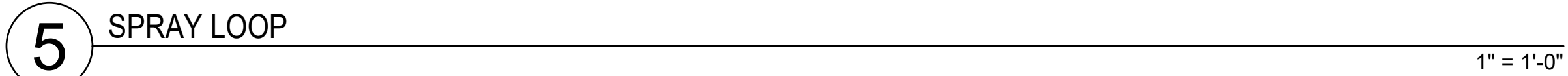
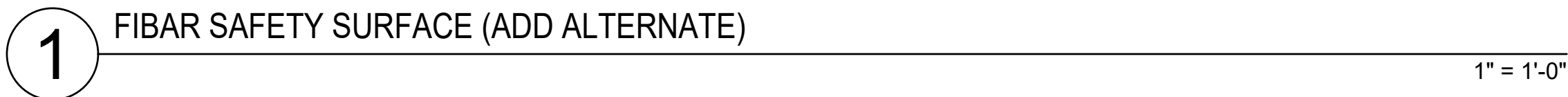
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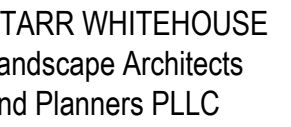
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20 OF 33

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PROMENADE HILL PARK RENOVATIONS

2 WARREN ST.
HUDSON, NY 12534

OWNER:

CIVIL & STRUCTURAL ENGINEER:

TEL: 518.610.8331

TEL: 518.785.3969

SHEET TITLE

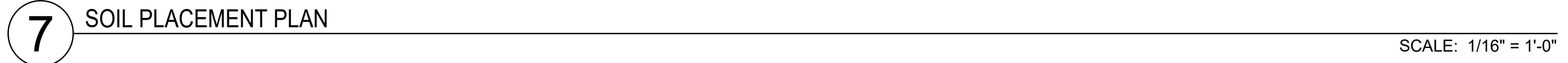
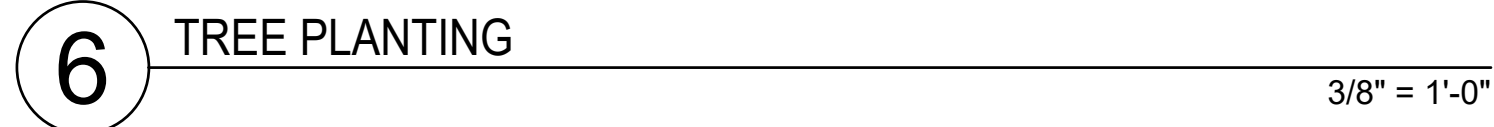
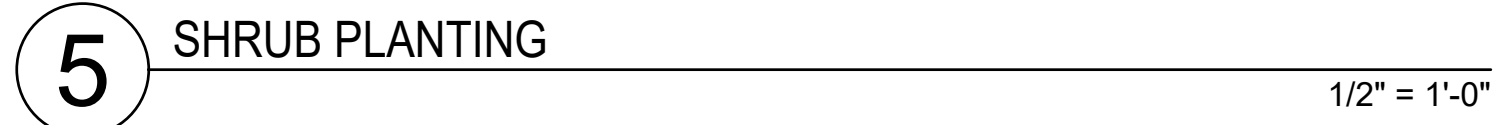
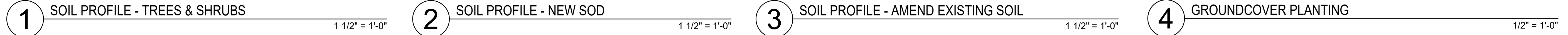
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PROJECT NO.	DRI C1001294
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SHEET NO.

-507





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New York, New York 10002

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PROMENADE HILL PARK RENOVATIONS

The renovation of Promenade Hill Park including provision of ADA accessible ramps, drainage, landscape and pedestrian lighting improvements.

2 WARREN ST.
HUDSON, NY 12534

PROJECT TEAM

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SHEET TITLE

TREE PROTECTION & SEDIMENT CONTROL DETAILS

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CHECKED BY	GWL, JP, SW
PROJECT NO.	DRI C100129

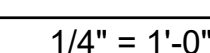
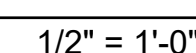
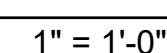
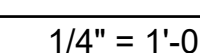
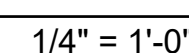
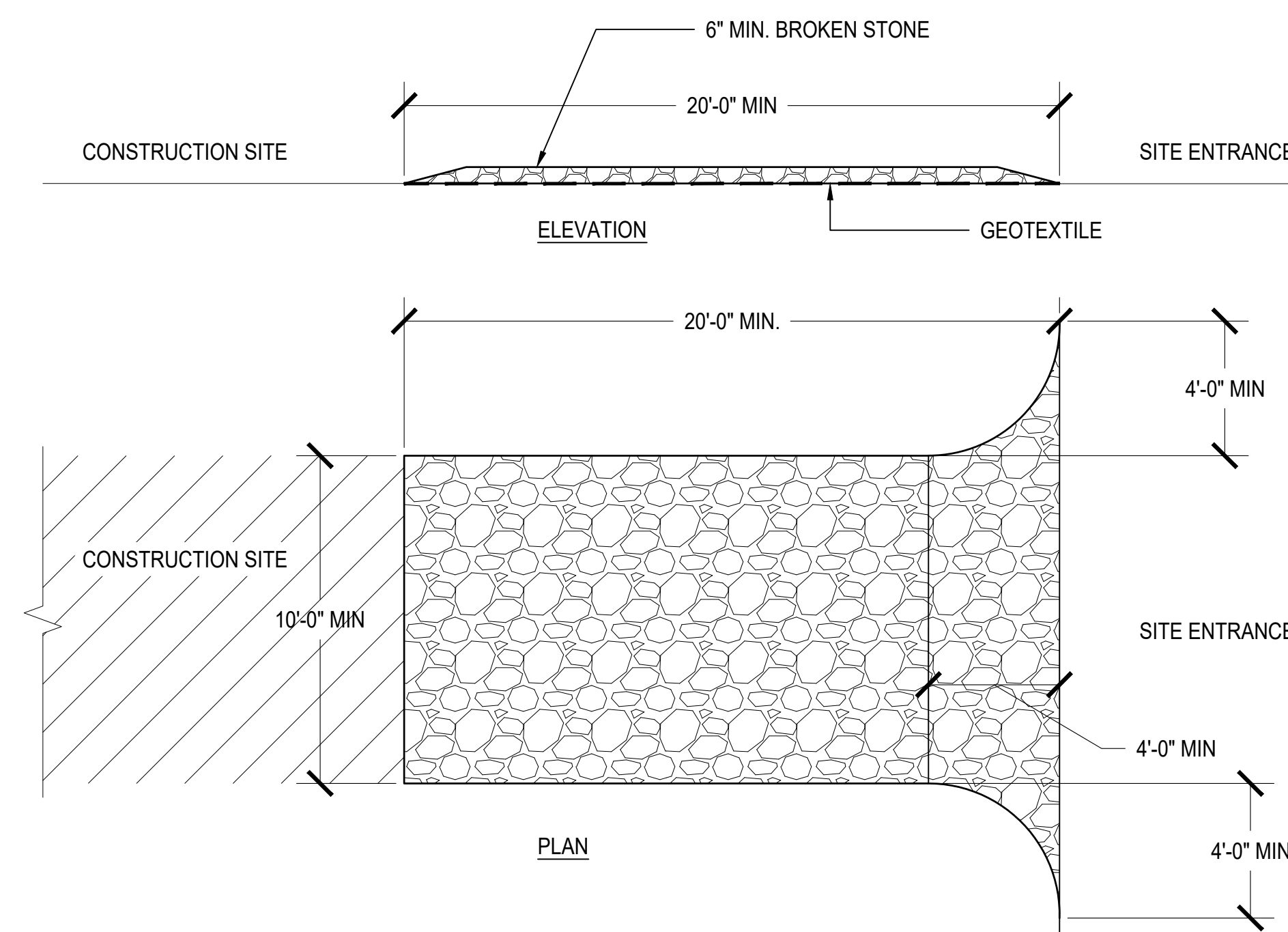
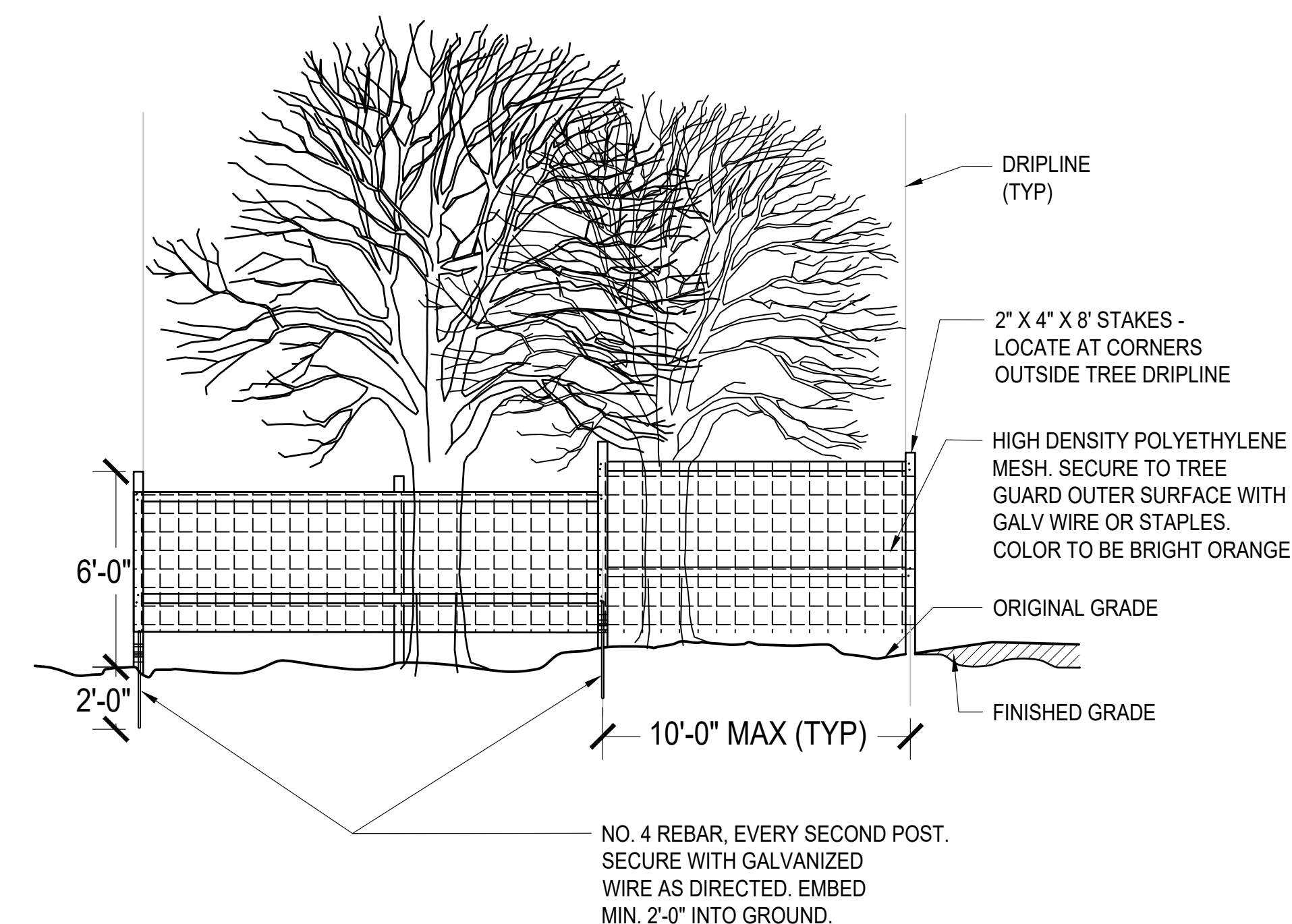
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SCALE	AS NOTED
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SHEET NO. _____

22 OF 33

L-508



GENERAL NOTES

- THESE PLANS SHALL BE EXECUTED IN CONJUNCTION WITH THE ARCHITECTURAL PLANS CREATED BY STARR WHITEHOUSE, DATED 02/16/2021. ANY AND ALL CONFLICTS SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY.
- ALL QUALITY ASSURANCE AND SPECIAL INSPECTION REQUIREMENTS SHALL BE CONDUCTED BY OTHER.
- OMISSIONS OR DISCREPANCIES BETWEEN THE VARIOUS ELEMENTS OF THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR ENGINEER BEFORE PROCEEDING WITH THE WORK.
- ALL DETAILS ARE TYPICAL. FOR CONDITIONS NOT SPECIFICALLY SHOWN, PROVIDE DETAILS SIMILAR TO THOSE SHOWN.
- SEE ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS FOR ITEMS AND/OR DETAILS NOT SHOWN ON STRUCTURAL DRAWINGS. COORDINATE THIS WORK WITH THE STRUCTURAL WORK. OPENING IN STRUCTURAL COMPONENTS NOT SHOWN ON STRUCTURAL DRAWINGS SHALL BE REVIEWED BY STRUCTURAL ENGINEER BEFORE PROCEEDING WITH WORK.
- SLABS & FOUNDATIONS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE FOLLOWING STRUCTURAL DESIGN LOADS:

STRUCTURAL LOAD SUMMARY				
LOAD TYPE	LOAD DESCRIPTION / LOCATION	CODE CRITERIA	UNIFORM LOAD (PSF)	CONC. LOAD (LBS)
LIVE	GENERAL	ASSEMBLY	100.0	0.0
	STAIRS & WALKWAY	ASSEMBLY	100.0	
	ENTRY RAMP	VEHICLE LOADING		
NOTES				
1. LOADING OBTAINED FROM: 2020 BUILDING CODE OF NEW YORK STATE - CH. 16 (NYSBC) & ASCE 7-16.				

FOUNDATION NOTES

- FOOTINGS HAVE BEEN DESIGNED TO REST ON IN-SITU SOIL WITH AN ALLOWABLE BEARING CAPACITY OF 2,000 P.S.F. IF ACTUAL CONDITIONS DIFFER THAN WHAT ASSUMED, CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY, PRIOR TO PROCEEDING WITH WORK.
- ALL SUB BASE MATERIAL SHALL BE COMPACTED TO 95% OF OPTIMUM MODIFIED PROCTOR DRY DENSITY ASTM-D1557, WITH A MOISTURE CONTENT OF ± 2% OF OPTIMUM.
- ALL ORGANIC MATERIAL TO BE REMOVED PRIOR TO PLACEMENT OF SUB-BASE / FOUNDATION.
- ALL SUB GRADE MATERIAL TO BE PROOF ROLLED PRIOR TO PLACEMENT OF FOOTINGS. ANY AREA OBSERVED TO HAVE SPONGY MATERIAL TO BE INSPECTED BY THE ENGINEER PRIOR TO PROCEEDING.
- ALL EXCAVATIONS SHALL BE CONDUCTED AND BRACED IN ACCORDANCE WITH THE PROVISION OF THE OCCUPANCY SAFETY AND HEALTH ADMINISTRATION "STANDARDS FOR THE CONSTRUCTION INDUSTRY," 29 CFR PART 1926-SUB PART P - EXCAVATIONS".
- CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY IF ANY UNSUITABLE MATERIAL IS UNCOVERED DURING EXCAVATION. AT THE DISCRETION OF THE ENGINEER, UNSUITABLE MATERIAL SHALL BE REMOVED AND REPLACED WITH CONTROLLED FILL CONSISTING OF NYSDOT ITEM # 304.11 OR EQUAL. SUBGRADE SHALL BE COMPACTED IN 10" LIFTS TO 95% OF OPTIMUM MODIFIED PROCTOR DRY DENSITY. ALL LIFTS SHALL BE TESTED AT A RATIO OF 1 PER 500 SF OR AT THE DISCRETION OF THE ENGINEER.
- AS PER NYS CODE RULE 753, THE CONTRACTOR SHALL PROVIDE DUE AND TIMELY NOTICE TO "DIG SAFELY NEW YORK" AT 1-800-962-7962 AT LEAST TWO WORKING DAYS PRIOR TO COMMENCING DEMOLITION OR EXCAVATION. THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE NYS CODE RULE 753. UPON DISCOVERY OF UNKNOWN UNDERGROUND FACILITIES, CABLING, ETC. WORK IN THAT AREA SHALL CEASE. NOTIFY UFPO, OWNER AND ENGINEER IMMEDIATELY. DO NOT PROCEED WITH WORK UNTIL RECEIVING WRITTEN DIRECTION TO DO SO FROM THE OWNER'S PROJECT REPRESENTATIVE.

CONCRETE NOTES

- ALL CONCRETE WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE AMERICAN CONCRETE INSTITUTE BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE: ACI 318-14 & THE NEW YORK STATE BUILDING CODE w/ EMPHASIS ON CH. 19 - CONCRETE.
- CONCRETE SHALL CONSIST OF THE FOLLOWING:
 - READY MIX CONCRETE (ASTM C94)
 - 28 DAY COMPRESSIVE STRENGTH - ASTM C 39/C 39M (UNLESS NOTED)
 - FOOTING 4,000 PSI
 - WALL/PIER 4,000 PSI
 - RAMP WALL 4,000 PSI
 - SLAB - EXPOSED 4,000 PSI
 - SLAB - SUBBASE 4,000 PSI
 - MAX AGGREGATE CONTENT SIZE OF 3/4 INCH (ASTM C33)
 - MAX SLUMP OF 3" + OR - AN INCH (ASTM C143)
 - FIBERMESH OR APPROVED EQUAL: 1.5 LBS / CUBIC YARD (WHEN INDICATED)
 - PORTLAND CEMENT: ASTM-C 150, TYPE 1
 - CLEAN POTABLE DRINKING WATER
 - AIR CONTENT TO BE 6% +/- 1.5% (INTERIOR SLABS TO HAVE 0% AIR)
 - FLY ASH ASTM C-618 (FOR INT. SLAB ONLY WHEN INDICATED)
- REINFORCING STEEL SHALL CONSIST OF THE FOLLOWING:
 - REINFORCING BARS: ASTM -A 615 GRADE 60 KSI
 - WELDED WIRE FABRIC: ASTM-A 185
- PROVIDE CONTINUOUS REINFORCING WHEREVER POSSIBLE. PLACE ONLY AS SHOWN OR APPROVED. STAGGER SPLICES WHERE POSSIBLE.
- ALL REINFORCING STEEL AND EMBEDMENT TO BE HELD SECURELY IN PLACE PRIOR TO PLACING CONCRETE. PROVIDE SUFFICIENT SUPPORTS TO ALLOW WALKING ON REINFORCEMENT.
- DETAIL ACCORDING TO ACI STANDARD 315, MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCING CONCRETE STRUCTURES.
- CONCRETE MEMBERS SHALL NOT BE LOADED UNTIL SATISFACTORY CONCRETE STRENGTH HAS BEEN OBTAINED.
- NO ADMIXTURES MAY BE USED UNLESS PRIOR APPROVAL BY THE OWNER/ENGINEER.
- COLD WEATHER REQUIREMENT SHALL BE USED DURING FREEZING OR NEAR FREEZING WEATHER - ACI 306.1-90. COLD WEATHER IS DEFINED AS 3 DAYS WITH AVG. TEMP. BELOW 40F.
- DURING HOT WEATHER CONCRETE SHALL BE PLACED AND CURED IN ACCORDANCE WITH ACI 305.

CONCRETE SLAB NOTES

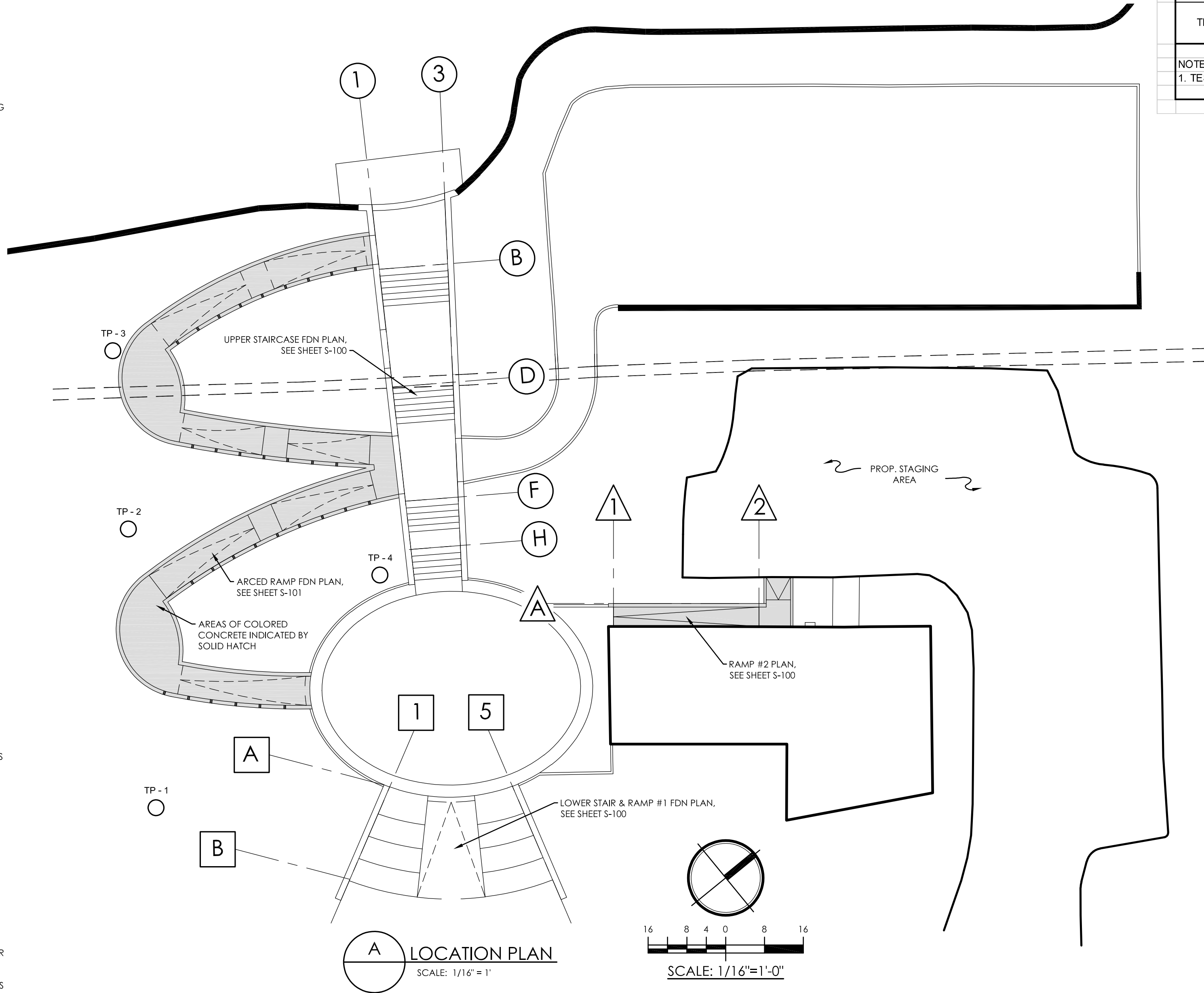
- ALL CONCRETE SLABS TO BE CONSTRUCTED IN ACCORDANCE WITH ACI 302.1R-96, "GUIDE FOR CONCRETE FLOOR AND SLAB CONSTRUCTION", AND ACI 318-14.
- SUBBASE SHALL CONSIST OF COMPACTED GRAVEL, NYSDOT ITEM # 304.02 OR 304.03 COMPACTED TO 95% OPTIMUM MODIFIED PROCTOR DRY DENSITY. THICKNESS SHALL CORRESPOND TO THAT INDICATED ON PLANS +/- 1". FINISH GRADE SHALL BE SMOOTH WITH NO PROTRUSION OR TIRE MARKS.
- CURING PROCEDURE SHALL COMMENCE IMMEDIATELY AFTER FINISHING CONCRETE. CONTRACTOR SHALL VERIFY THAT CURING PROCEDURE UTILIZED IS COMPATIBLE WITH FLOOR COVERING SHOWN ON ARCHITECTURAL PLANS.
- SLABS SHALL BE CURED USING PRE-APPROVED WET CURE METHOD FOR A MINIMUM OF 7 DAYS. OR, IF COMPATIBLE WITH PROPOSED FINISH, LIQUID MEMBRANE CURING COMPOUND, KURSEAL 830 (1 COATS) OR EQUAL, APPLIED IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS.
- CONSTRUCTION JOINTS SHALL BE SAWN WITHIN 24 HOURS OF PLACEMENT OF CONCRETE. JOINTS SHALL BE INSTALLED WITH THE USE OF CIRCULAR WET SAW AND BE PLACED IN ACCORDANCE WITH THE PATTERN INDICATED ON THE DRAWINGS. TO A MINIMUM DEPTH OF 1/3 SLAB THICKNESS.
- SEALER SHALL BE APPLIED TO SLAB IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS WHEN NOTED ON DRAWINGS.
- CONSTRUCTION TOLERANCE WITH FLOOR SHALL CONFORM TO REQUIREMENTS SET FORTH IN ACI 117. FLOOR FLATNESS F-NUMBER AND LEVELNESS F-NUMBER SHALL BE 25 AND 20, RESPECTIVELY, UNLESS NOTED.
- SUBGRADE PREPARATION INCLUDING DRAINAGE, EXCAVATION, COMPACTION, AND FILLING REQUIREMENTS SHALL CONFORM STRICTLY WITH RECOMMENDATIONS GIVEN IN THE SOILS REPORT.

LIST OF ABBREVIATIONS

ARCH	- ARCHITECT OF RECORD	MIN	- MINIMUM
BLK	- BLOCKING	MISC	- MISCELLANEOUS
BM	- BEAM	NTS	- NOT TO SCALE
BRDG	- BRIDGING	OC	- ON CENTER
BRG	- BEARING	OCEW	- ON CENTER EACH WAY
BTWN	- BETWEEN	OCH	- ON CENTER HORIZONTAL
BTM	- BOTTOM	OCV	- ON CENTER VERTICALLY
CLG	- CEILING	OWJ	- OPEN WEB JOIST(S)
COL	- COLUMN	PERF	- PERFORATED
CONC	- CONCRETE	PL	- PLATE
CONC	- CONCRETE	PNT	- POINT
CONN	- CONNECTION	PRE-ENG	- PRE-ENGINEERED
CONSTR	- CONSTRUCTION	PT	- PRESSURE TREATED
CONT	- CONTINUOUS	PROP	- PROPOSED
CL	- CENTER LINE	RP	- RIPPED
CMU	- CONCRETE MASONRY UNIT	SP	- SPLICED
CT	- COLLAR TIE	RC	- REINFORCING BAR
DBL	- DOUBLE	REIN	- REINFORCEMENT
DIA	- DIAMETER	REQ	- REQUIRED
DIAG	- DIAGONAL	RFT	- RAFTER(S)
DWG	- DRAWING	SBO	- SELECTED BY OWNER
EA	- EACH	SIM	- SIMILAR
ELEV	- ELEVATION	SQ	- SQUARE
EMBED	- EMBEDMENT	SST	- SIMPSON STRONG TIE
ENG	- ENGINEER	STRICT	- STRUCTURAL
EQ	- EQAUL	SW	- SHEAR WALL
EX	- EXISTING	TEMP	- TEMPORARY
EXT	- EXTERIOR	TBD	- TO BE DETERMINED
EXP	- EXPANSION	THK	- THICKNESS
FDN	- FOUNDATION	T&G	- TONGUE & GROOVE
FF	- FINISH FLOOR	TOC	- TOP OF CURB
FLR	- FLOOR	TOF	- TOP OF FOOTING
FS	- FOOTING STEP	TOS	- TOP OF STEEL
FTG	- FOOTING	TOSH	- TOP OF SHELF
GALV	- GALVANIZED	TOSL	- TOP OF SLAB
GA	- GAUGE	TOW	- TOP OF WALL
HD	- HOLD DOWNS	TYP	- TYPICAL
HDR	- HEADER	UN	- UNLESS NOTED
HORZ	- HORIZONTAL	VERT	- VERTICAL
INT	- INTERIOR	VLY	- VALLEY
I-JST	- I-JOIST(S)	VIF	- VERIFY IN FIELD
JNT	- JOINT	VCJ	- VERTICAL CONTROL JOINT
JST	- JOIST(S)	VWA	- VERIFY WITH ARCHITECT
LDGR	- LEDGER	w\	- WITH
LOC	- LOCATION	WS	- WALL STEP
LVL	- LAMINATED VENEER LUMBER		
MAX	- MAXIMUM		
MANUF.	- MANUFACTURER		

PROMENADE HILL PARK RENOVATIONS SPECIAL INSPECTION CHECKLIST					
CONSTRUCTION TYPE	INSPECTION ITEM	INSPECTION FREQUENCY	SPECIFICATION / STANDARD	RATE	COMMENTS
Concrete See Note 1	Reinforcing Steel	Periodic	ACI 318		Visual: Type, size & location
	Anchor Rods	Continuous			Visual: Type, size & location
	Design Mix	Periodic	ACI 318 / ASTM C94		Visual: Check truck tickets
	Slump	Continuous	ACI 318 / ASTM C143	1 Test / load delivered	
	Air Content	Continuous	ACI 318 / ASTM C231	1 Test / load delivered	
	Temperature	Continuous	ACI 305R / ACI 305R	1 Test / Compressive Cylinder Prepared	Temp test when air temp is <40F or >80F
	Strength Test Specimens	Continuous	ACI 318 / ASTM C31	1 set of 3 cylinder / 30 cy or 500 s.f. of slab	Min. of 1 set of 3 cylinder per each day of concrete work
Soils See Note 1	Inspection of placement techniques	Continuous	ACI 318		Visual
	Curing Temperature & Techniques	Periodic	ACI 318	1 Test / day @ each placement location	
	Site Preparation	Prior to Fill			Visual
	Fill Placement	Periodic			Visual
	Evaluation of In-Place Density	Periodic	ASTM D1557, Method C - Modified Proctor	Bldg: 1 test /300 s.f. or 3 per each area min.	

TEST PIT RESULTS					
TEST PIT HOLE #	TOTAL DEPTH	ROCK DEPTH	WATER DEPTH	SOIL STRATA DESCRIPTION	
				TEST DATE	SOIL DESCRIPTION
TP - 1	48" +/-	48" +/-	N/A	11/4/2020	0" -12" ORGANIC MATERIAL & TOPSOIL 12" - 48" SANDY LOAM MIXED w/ CONSTRUCTION FILL 48" + SHALE & BEDROCK
TP - 2	60" +/-	60" +/-	N/A	11/4/2020	0" -12" ORGANIC MATERIAL & TOPSOIL 12" - 60" SANDY LOAM 60" + SHALE & BEDROCK
TP - 3	42" +/-	42" +/-	N/A	11/4/2020	0" -12" ORGANIC MATERIAL & TOPSOIL 12" - 42" SANDY LOAM 42" + SHALE & BEDROCK
TP - 4	48" +/-	N/A	N/A	11/4/2020	0" -10" CONCRETE 10" - 48" SANDY LOAM 48" + NOT ANALYZED
NOTE					
1. TESTS WERE OBSERVED BY P&O ENGINEERING & STARR WHITEHOUSE ON 11/4/2020.					



DRAWING SUMMARY:

- S-001 - STRUCTURAL NOTES
- S-100 - FOUNDATION PLAN
- S-101 - ARCED RAMP FOUNDATION PLAN
- S-102 - STRUCTURAL DETAILS
- S-103 - STRUCTURAL DETAILS
- S-104 - STRUCTURAL DETAILS



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PROMENADE HILL PARK RENOVATIONS

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PROJECT TEAM

OWNER:

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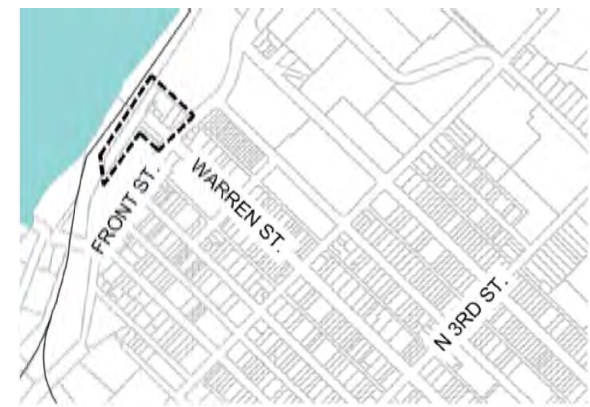
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SURVEYOR

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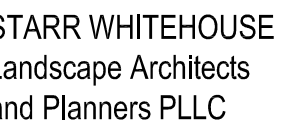
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NO.	DATE	DESCRIPTION

SHEET TITLE

STRUCTURAL
NOTES

DRAWN BY	MFD
CHECKED BY	DBP
PROJECT NO.	19065.0 DRI C1001294
ISSUE DATE	02/08/2021
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0 Broad Street, Suite 1700
New York, New York 10004

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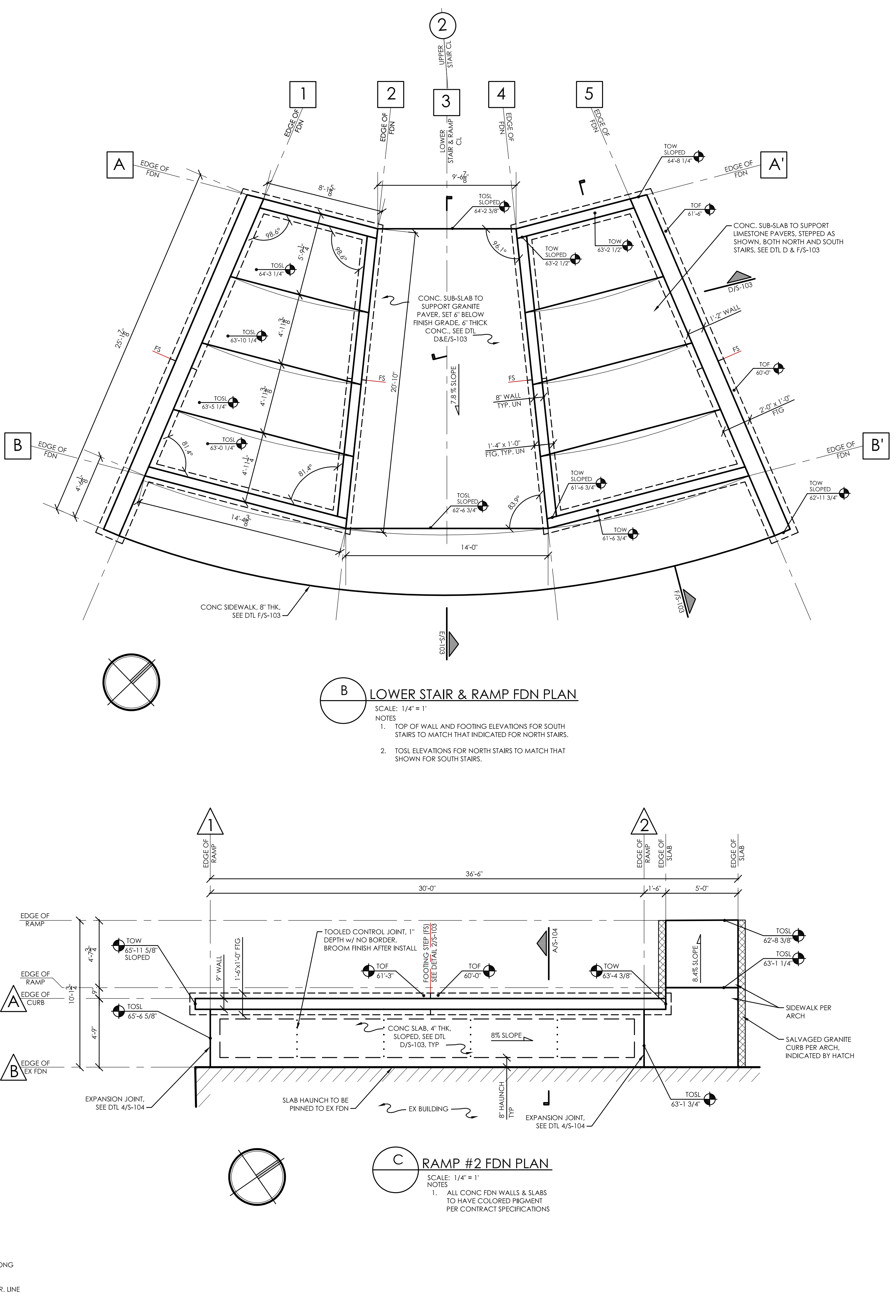
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24 OF 33

S-100





PROMENADE HILL PARK RENOVATIONS

2 WARREN ST.
HUDSON, NY 12534

OWNER:

CIVIL & STRUCTURAL ENGINEER:

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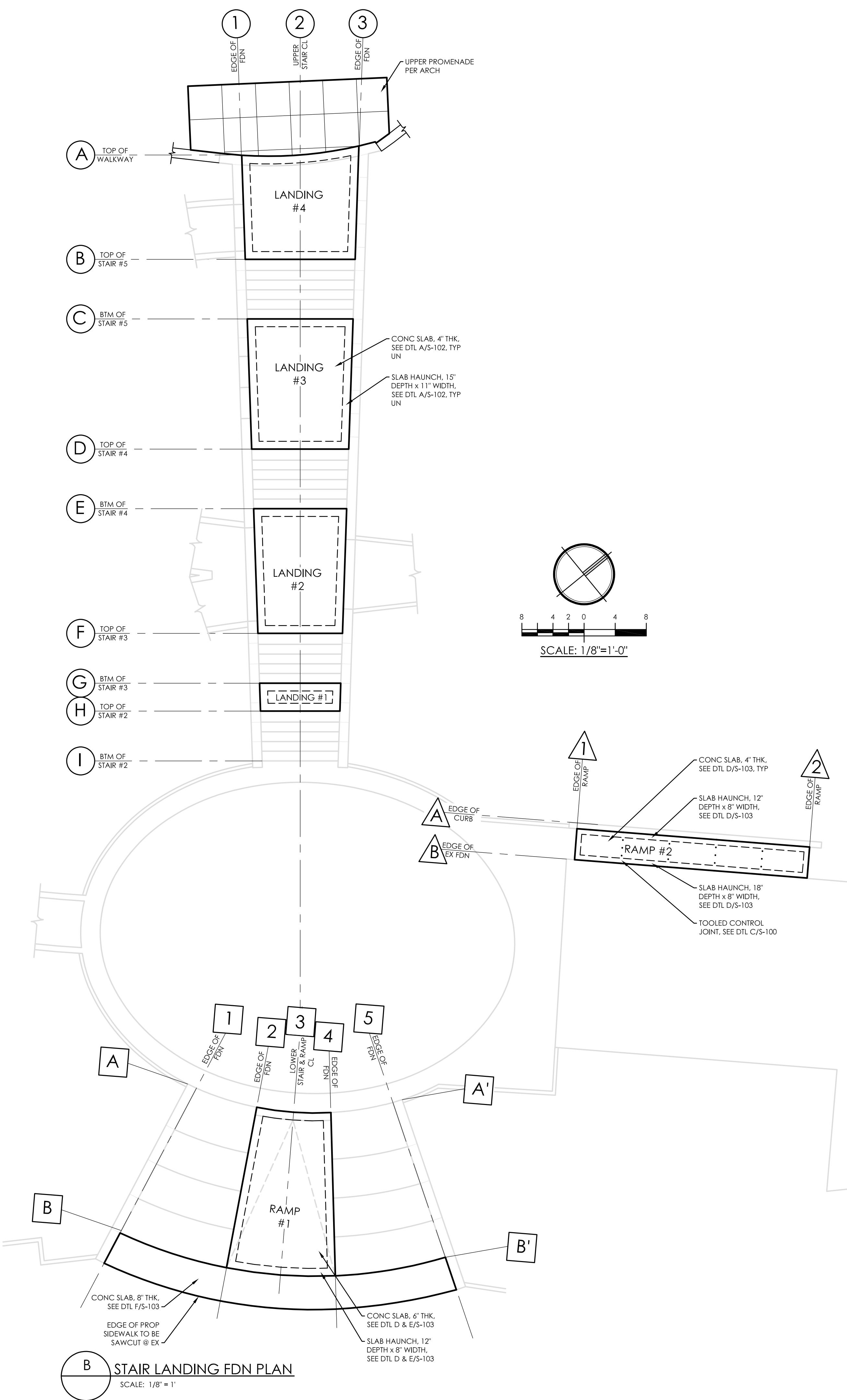
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ISSUE DATE

SCALE

SHEET NO

S-101





PROMENADE HILL PARK RENOVATIONS

2 WARREN ST.
HUDSON, NY 12534

OWNER:

CIVIL & STRUCTURAL ENGINEER:

SURVEYOR

TEL: 518.785.3969

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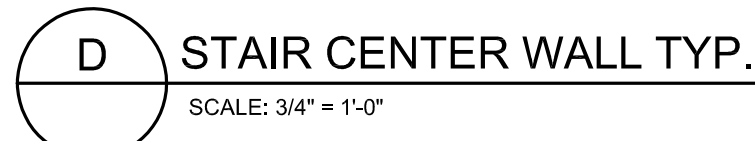
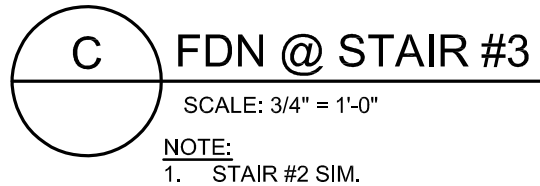
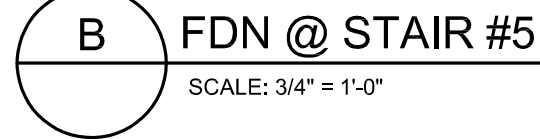
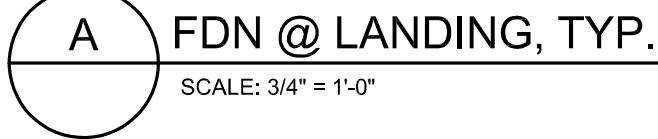
PROJECT NO.	19065.0
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26 OF 33

S-102





PROMENADE HILL PARK RENOVATIONS

2 WARREN ST.
HUDSON, NY 12534

OWNER:

CIVIL & STRUCTURAL ENGINEER:

**SURVEYOR**

TEL: 518.785.3969

SHEET TITLE

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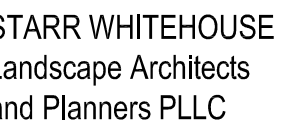
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3			1			
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02/09/2024

AS NOTED

S-103

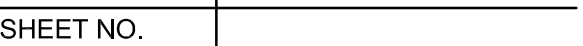




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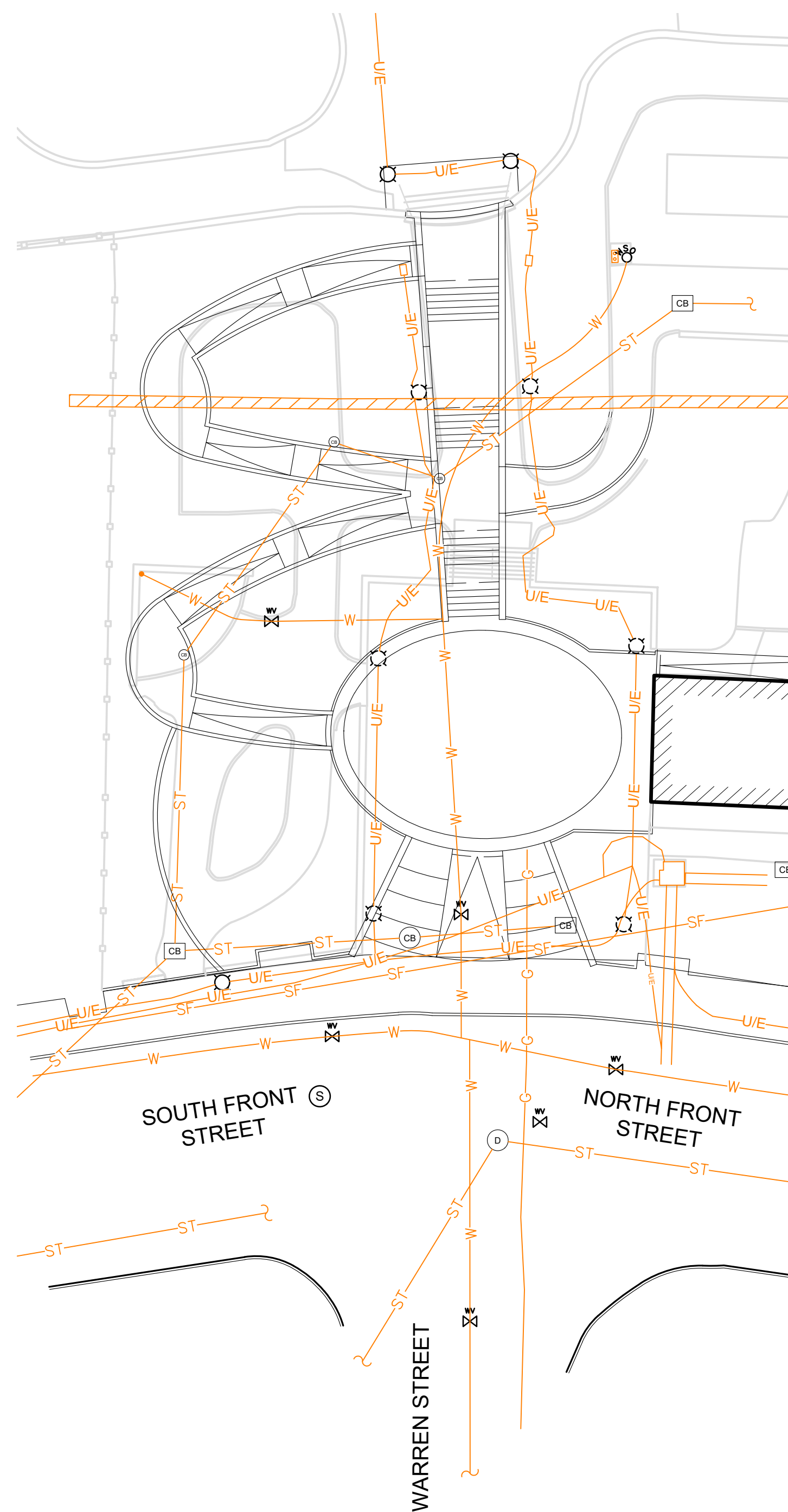
The renovation of Promenade Hill Park including provision of ADA accessible ramps, drainage, landscape and pedestrian lighting improvements.


TEL: 518.785.3969

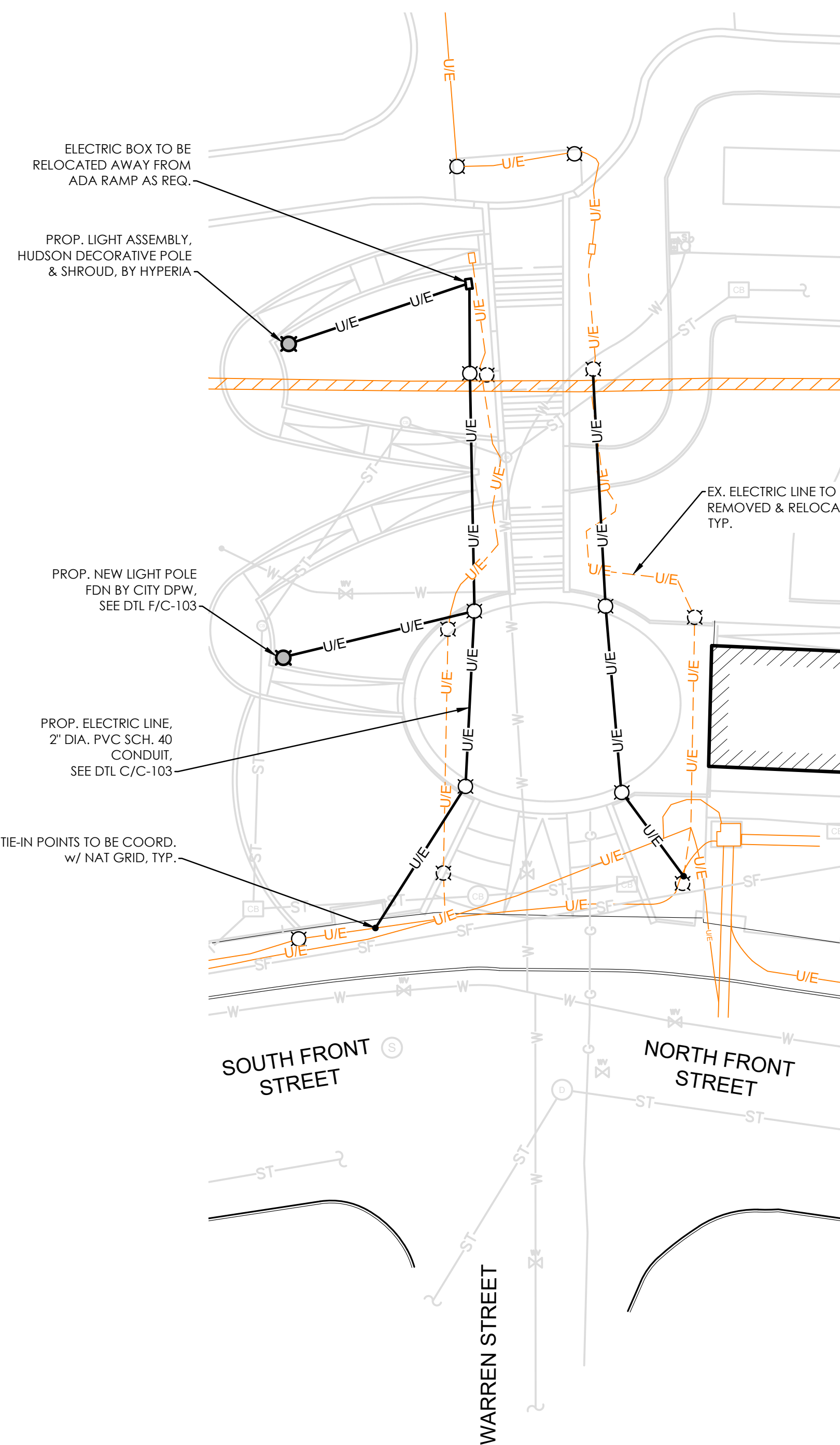


S-104


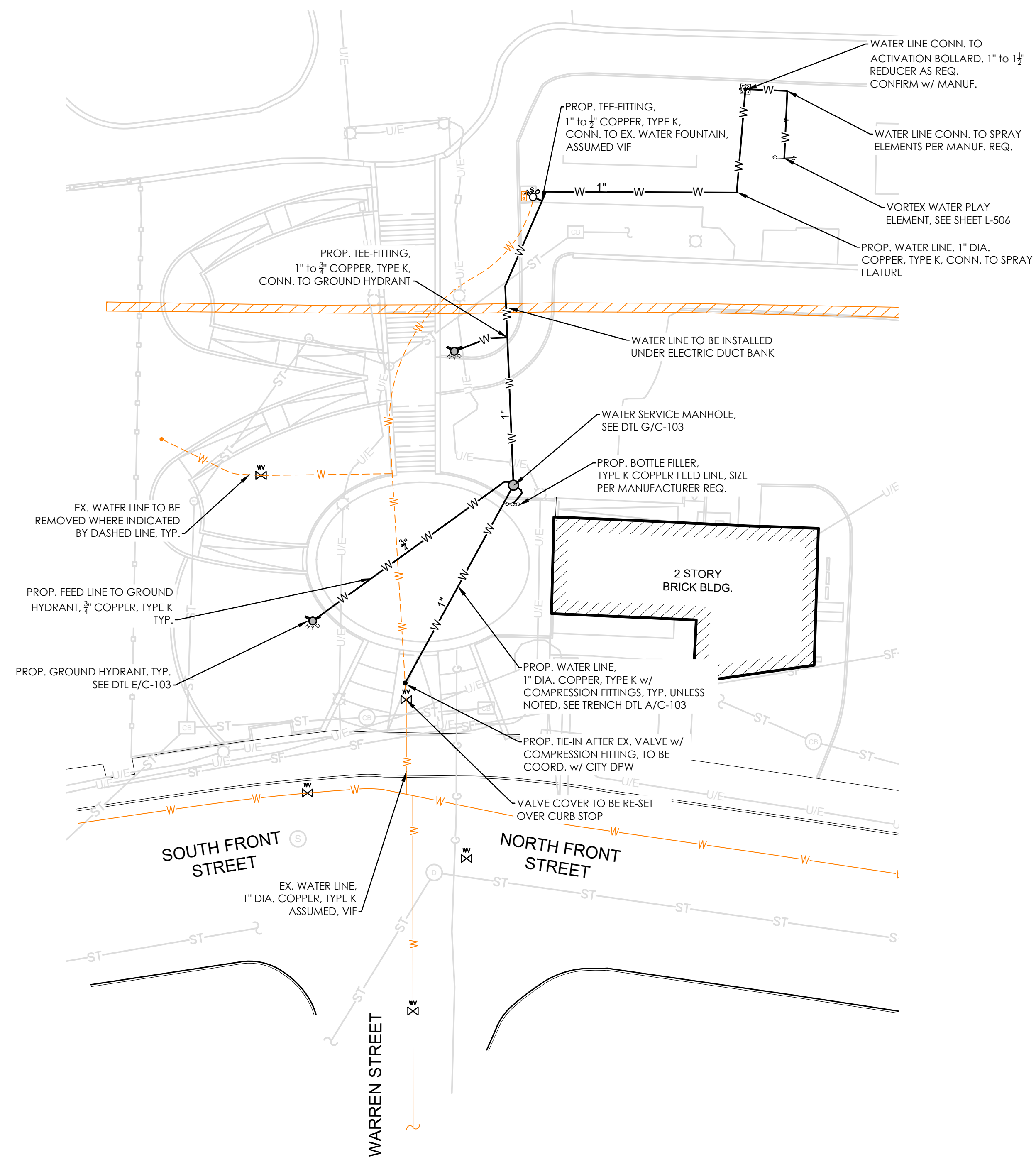




 A
EXISTING UTILITY CONFIG.
SCALE: 1" = 20'



 **B** **ELECTRIC UTILITY PLAN**
SCALE: 1" = 20'



















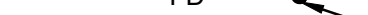





WATER UTILITY PLAN
SCALE: 1" = 20'

- SITE NOTES:**

1. SITE FEATURES, EXISTING-UTILITY LOCATIONS, AND TOPOGRAPHY OBTAINED FROM PLAN ENTITLED "PROMENADE HILL PARK" SURVEY BY S.Y. KIM LAND SURVEYOR P.C. DATED JUNE, 2020.
2. UNDERGROUND UTILITIES SHOWN ARE TAKEN FROM FIELD LOCATION WHERE POSSIBLE AND FROM RECORD DATA. THEIR EXACT LOCATION IN THE FIELD MAY DIFFER FROM THAT SHOWN HEREIN AND ADDITIONAL UTILITIES MAY EXIST. CONTRACTOR TO CALL DIGSAFE AT 1-800-962-7962 TO HAVE UTILITIES MARKED ON SITE PRIOR TO COMMENCEMENT OF CONSTRUCTION.
3. ALL UNDERGROUND UTILITIES, INCLUDING ANY NOT SHOWN ON PLANS, SHALL BE LOCATED BY THE CONTRACTOR PRIOR TO THE START OF WORK. ANY DAMAGE TO UTILITIES, ABOVE OR BELOW GROUND, SHALL BE IMMEDIATELY REPORTED TO THE APPROPRIATE UTILITY SERVICE PROVIDER AND THE ENGINEER. THE CONTRACTOR SHALL REPAIR THE DAMAGE UTILITY OR UTILITIES IN SUCH A MANNER THAT IS ACCEPTABLE TO THE ENGINEER AND UTILITY PROVIDER, AND WITH NO COST TO THE MUNICIPALITY OR OWNER.
4. PRIOR TO DEMOLITION WORK, CONTRACTOR SHALL CAREFULLY INSPECT THE EXISTING CONDITIONS AND VERIFY THAT MATERIALS AND SURFACES TO BE ALTERED OR REMOVED ARE THE SAME AS THAT NOTED ON THE CONTRACT DRAWINGS.
5. ALL WORK SHOWN ON PLANS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT SPECIFICATIONS AND DRAWINGS. ANY CONFLICTING INFORMATION SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER.
6. CONTRACTOR SHALL ENSURE SAFE PASSAGE OF PERSONS AROUND WORK AREA.
7. ANY AREAS DAMAGED BY CONTRACTOR NOT SCHEDULED FOR DEMOLITION OR REPLACEMENT SHALL BE RESTORED AT THE EXPENSE OF THE CONTRACTOR.
8. ALL MATERIAL TO BE USED AS FILL SHALL BE APPROVED BY THE ENGINEER OR ARCHITECT.
9. OPEN EXCAVATIONS SHALL BE SATISFACTORILY PROTECTED AT ALL TIMES. OPEN CUTS IN ROAD AREA SHALL BE PROTECTED IN ACCORDANCE WITH CITY REQUIREMENTS.

LEGEND

	EXISTING UNDERGROUND ELECTRIC LINE		EXISTING SANITARY MANHOLE
	PROPOSED UNDERGROUND ELECTRIC LINE		EXISTING STORMWATER CATCH BASIN / MANHOLE
	EXISTING GAS LINE		PROPOSED STORMWATER CATCH BASIN / MANHOLE
	EXISTING WATER LINE		EXISTING LIGHT POLE
	PROPOSED WATER LINE		RELOCATED LIGHT POLE
	EXISTING SEWER FORCEMAIN		PROPOSED LIGHT POLE
	EXISTING STORMWATER LINE		EXISTING WATER SHUTOFF
	PROPOSED STORMWATER LINE		EXISTING WATER VALVE
	PROPOSED FOOTING DRAIN		EXISTING GAS VALVE
	PROPOSED FOOTING DRAIN CLEANOUT		PROPOSED GATE VALVE
	EXISTING ELECTRIC DUCT BANK 1' COVER, TYP.		PROPOSED GROUND HYDRANT

DRAWING SUMMARY:

C-100 - ELECTRIC & WATER UTILITY PLANS
C-101 - STORM WATER UTILITY PLAN & PROFILES
C-102 - WATER PLAY ELEMENT CUT SHEETS
C-103 - UTILITY DETAILS
C-104 - UTILITY DETAILS

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PROMENADE HILL PARK RENOVATIONS

The renovation of Promenade Hill Park including provision of ADA accessible ramps, drainage, landscape and pedestrian lighting improvements.

2 WARREN ST.
HUDSON, NY 12534

PROJECT TEAM

OWNER:

CITY OF HUDSON
520 WARREN ST
HUDSON, NY 12534
TEL: 518.828.1030

CIVIL & STRUCTURAL ENGINEER:

PROPER O'LEARY ENGINEERING, DPC
1915 5TH AVE, PO BOX 246
TROY, NEW YORK 12181

TEL: 518.610.8331

SURVEYOR

S.Y. KIM LAND SURVEYOR, PC
424 N. GREENBUSH ROAD
RENSSELAER, NY 12144

TEL: 518.785.3969



PROFESSIONAL SEAL



REVISIONS

[illegible]

SHEET TITLE

ELECTRIC & WATER UTILITY PLANS

DRAWN BY	ARL
CHECKED BY	DBP
PROJECT NO.	19065.0 DRI C1001294
ISSUE DATE	02/08/2021
SCALE	AS NOTED
SHEET NO.	

The renovation of Promenade Hill Park including provision of ADA accessible ramps, drainage, landscape and pedestrian lighting improvements.

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HUDSON, NY 12534
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TEL: 518.785.3969



REVISIONS

[illegible]

SHEET TITLE

STORM WATER UTILITY PLAN & PROFILES

DRAWN BY

ARL

PROJECT NO.	
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19065.0
DRI C1001294

ISSUE DATE	
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02/08/2021

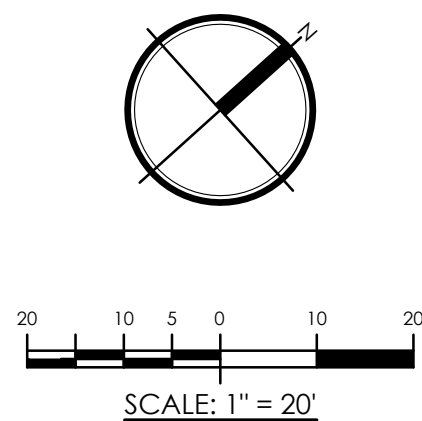
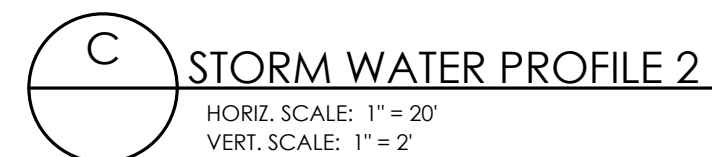
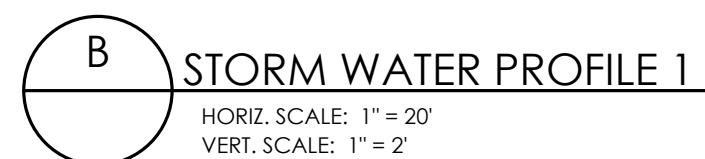
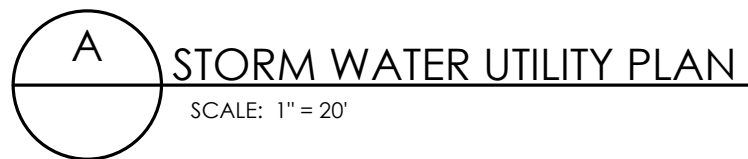
SCALE	
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AS NOTED

SHEET NO.	
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30 OF 33

C-101



NOTES:

1. WDS CONFIGURATION ARE SCHEMATIC AND MAY BE MOVED OR ADJUSTED ON SITE BY VORTEX CERTIFIED INSTALLER TO ADJUST FOR SITE CONDITIONS.
2. ALL PIPE LINES TO FEATURES HAVE A 1% MINIMUM RECOMMENDED SLOPE FOR PROPER WINTERIZATION.
3. PIPING SHOULD BE INSPECTED AFTER TRANSPORTATION FOR CUTE, SCRATCHES, GOUGES, OR SPLITS. DAMAGED SECTIONS MUST BE DISCARDED OR CUT OUT.
4. PIPING SHALL BE INSTALLED A MINIMUM OF 12" BELOW GRADE.
5. MAXIMUM FLOW CAPACITY OF EACH PUSH BUTON ACTIVATOR IS 45 GPM.
6. TOTAL FLOW OF THE FEATURES FROM IA IS 10.5 GPM.

Feature Connection Table					
Manifold Output Ref.	Feature Ref.	Feature	Qty	Line Size	Gpm
S01	A	Fountain Spray No. 2 VOR 7676	1	1"	3
S02	B	Spray Loop VOR 0519	1	1"	7.5

Product Legend		
Product Ref.	Product	Qty
IA	Push Button Activator VOR-605.4068	1
IB	1.5" City Water Line (By Installer)	1
IC	3" To Municipal Drain (By Installer)	1
ID	Drain (by other)	1
IE	To Municipal Drain (By Installer)	1

SPLASHPAD DIMENSION

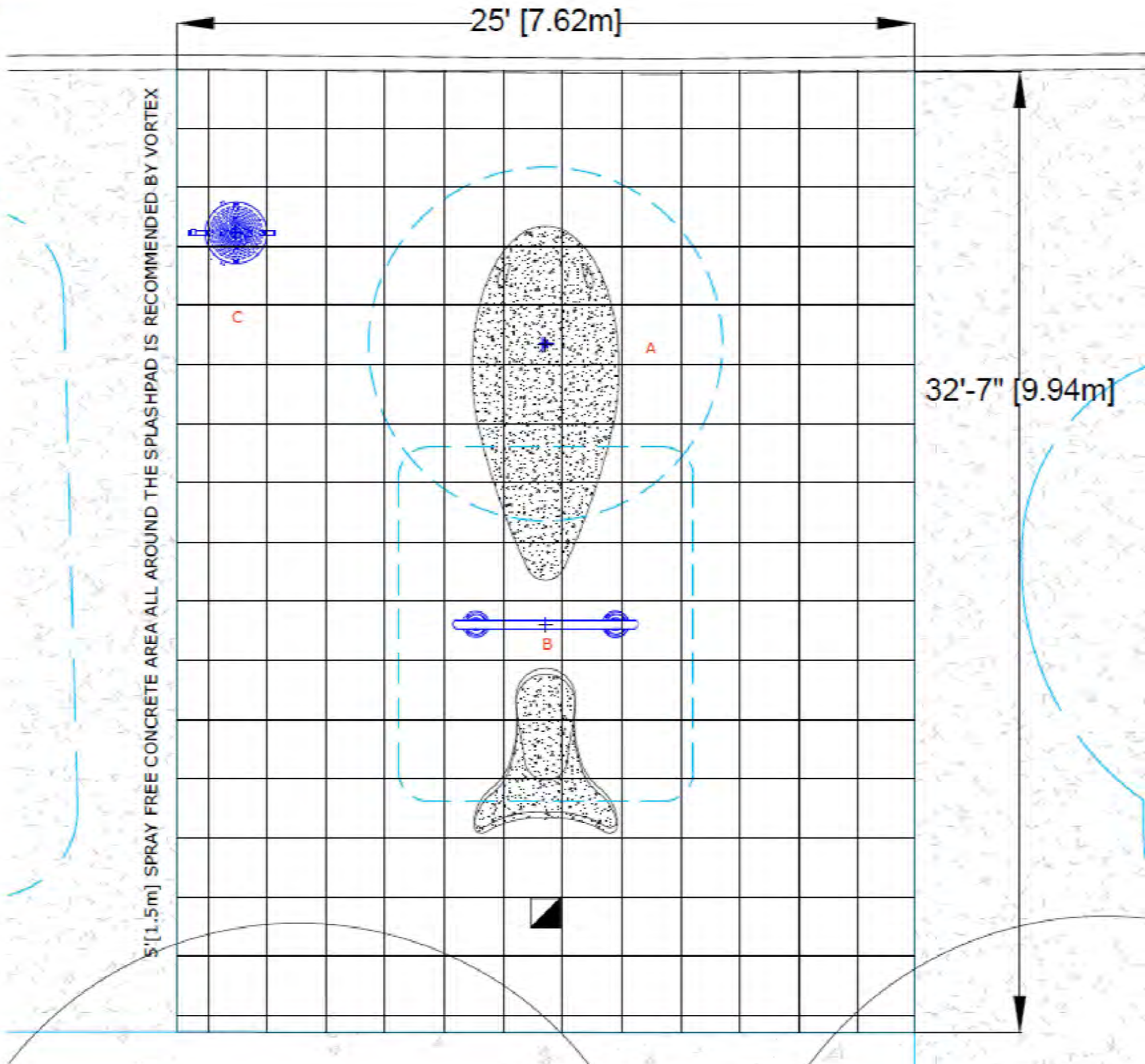
TOTAL AREA : 816 ft² 76 m²

SPRAY AREA : 816 ft² 76 m²

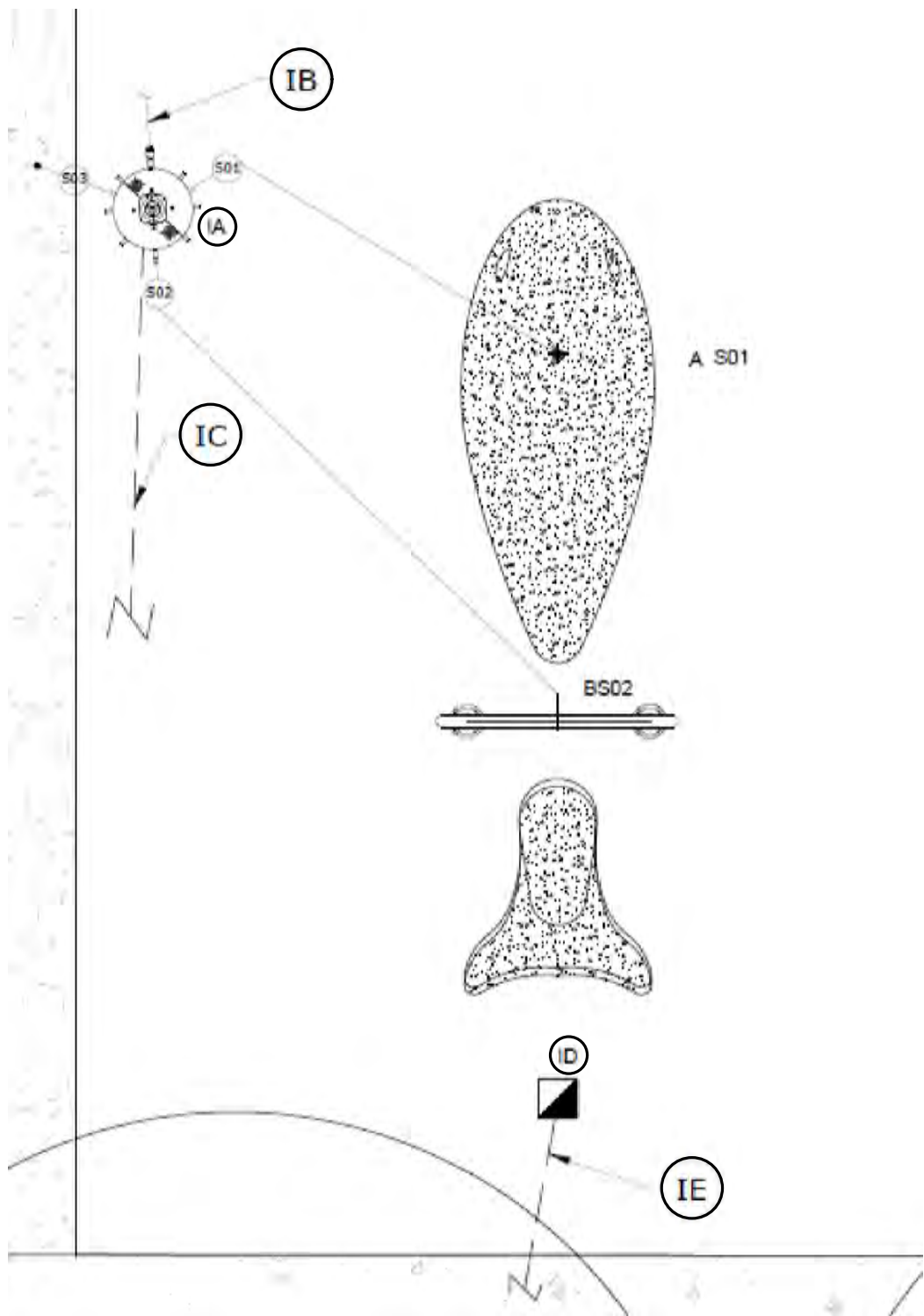
GRID SIZE : 2 x 2 ft 0.6 x 0.6 m

PRODUCT LEGEND

REF	PRODUCT	QTY	GPM	LPM
A	Fountain Spray N°2 VOR 7676	1	3	11.4
B	Spray Loop VOR 0519	1	7.5	28.4
C	Push Button Activator VOR 0603	1	0	0
TOTAL		3	10.5	39.8



A SPLASHPAD LAYOUT
NTS



B PLUMBING LAYOUT
NTS

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Landscape Architects
and Planners PLLC

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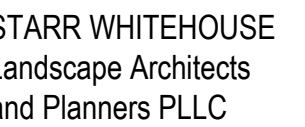
REVISIONS

NO.	DATE	DESCRIPTION

SHEET TITLE

WATER PLAY
ELEMENT CUT
SHEETS

DRAWN BY	ARL
CHECKED BY	DBP
PROJECT NO.	19065.0 DRI C1001294
ISSUE DATE	02/08/2021
SCALE	AS NOTED
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RK RENOVATIONS

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OWNER:

CIVIL & STRUCTURAL ENGINEER:

TEL: 518.785.3969

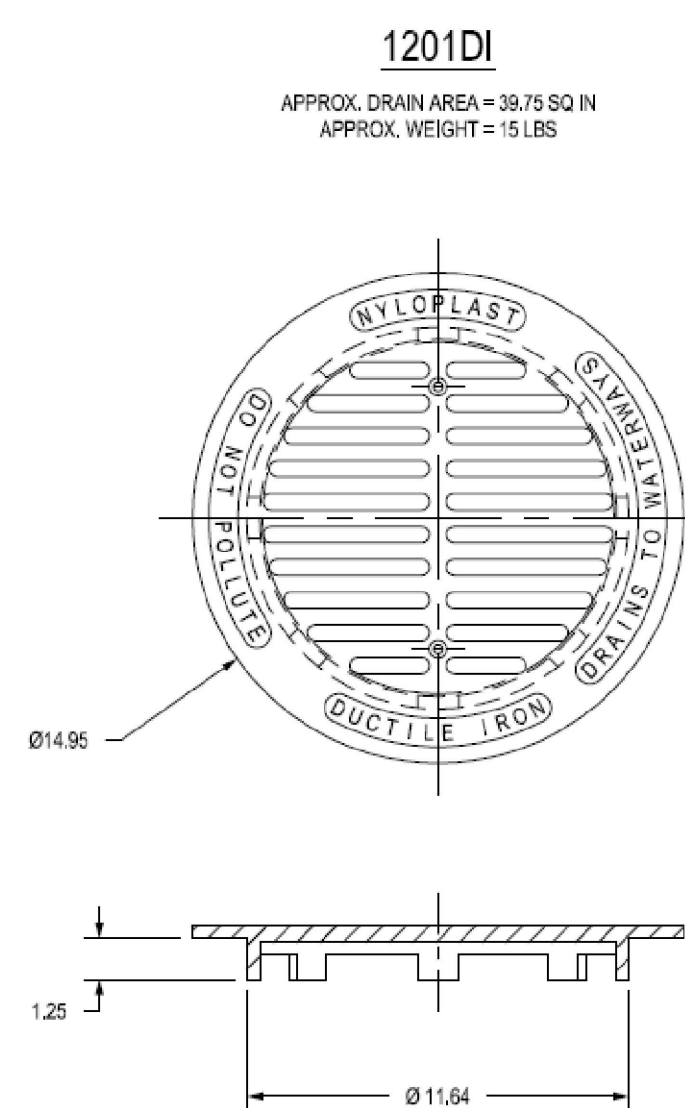
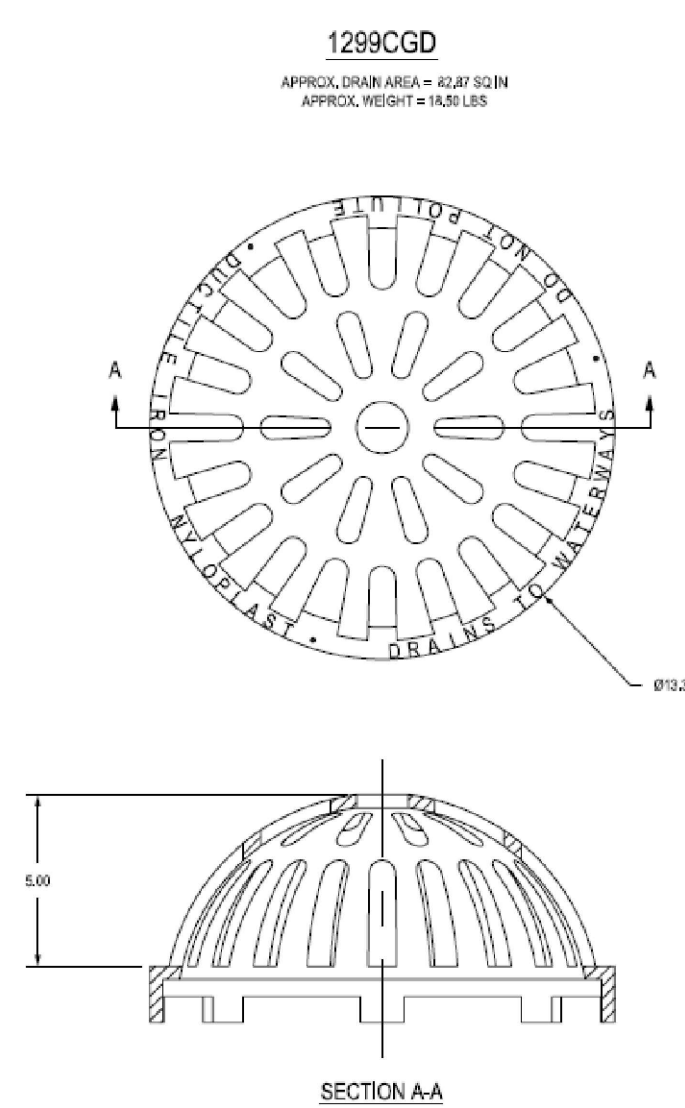
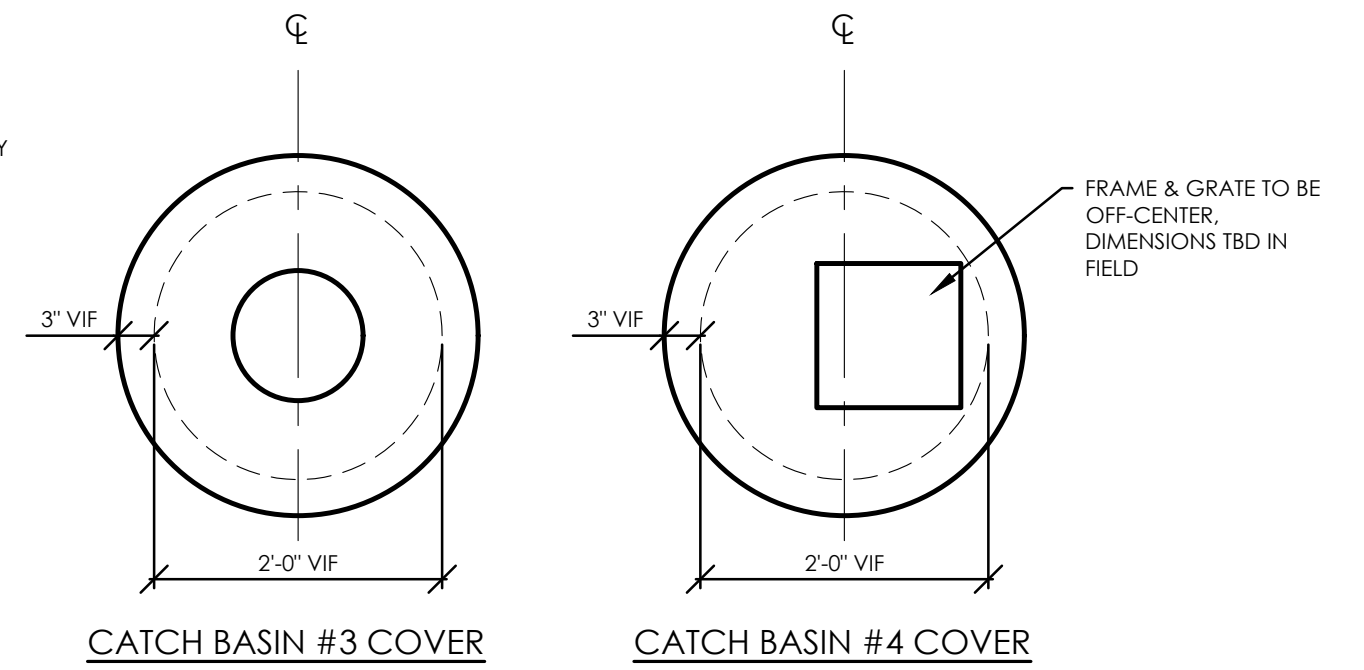
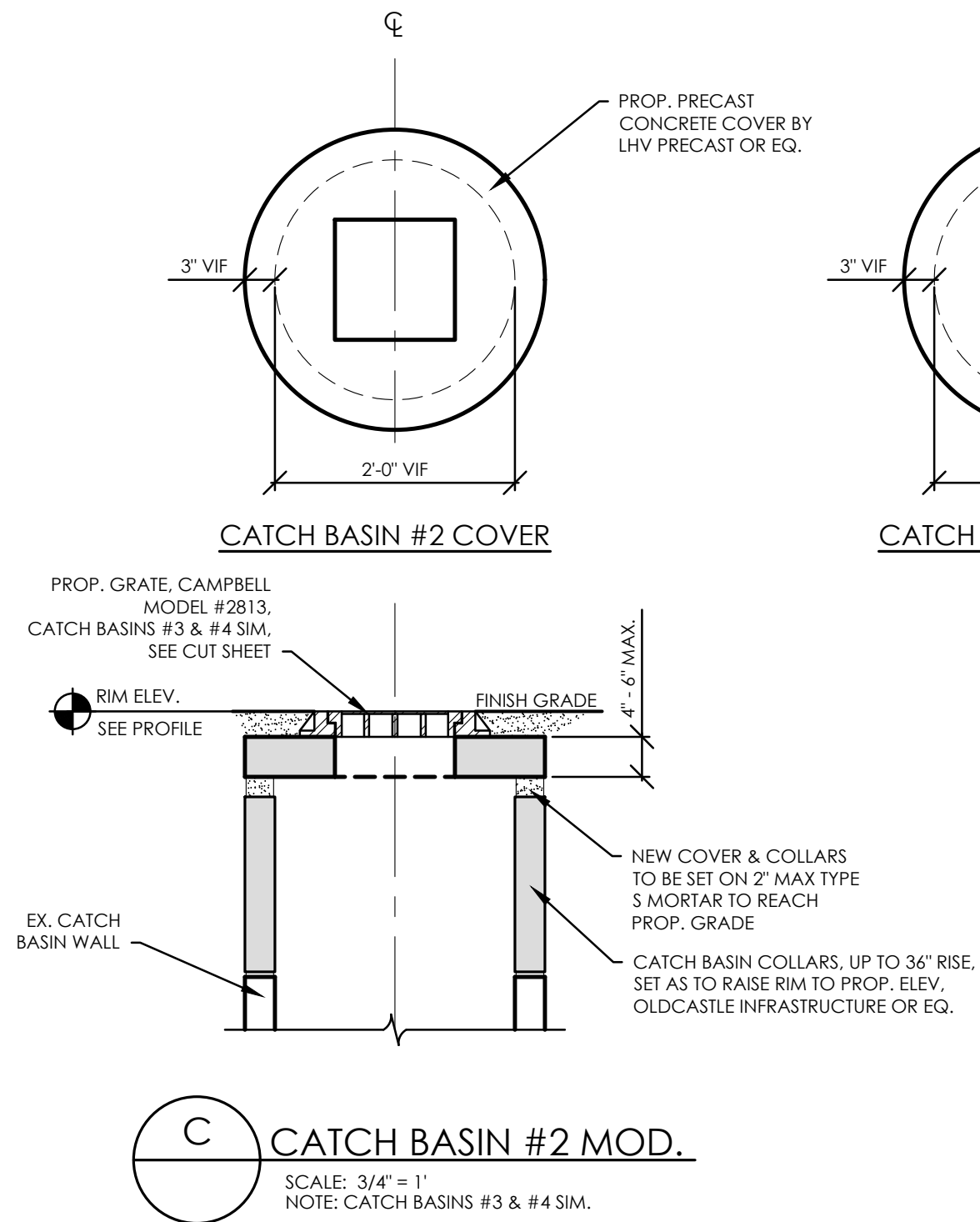
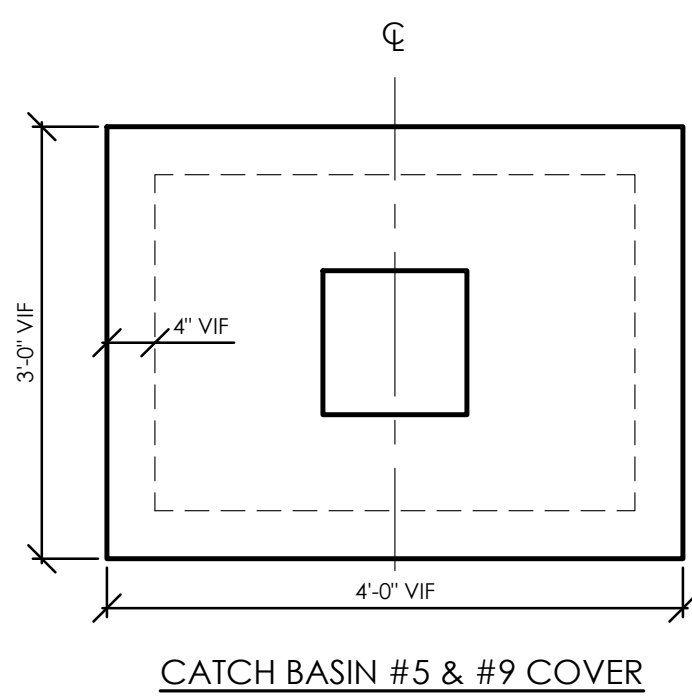


SHEET TITLE

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CHECKED BY	DBP

33 OF 33

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CATCH BASIN #3 GRATE
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